#### If you plan to submit a bid directly to the Department of Transportation

#### **PREQUALIFICATION**

Any contractor who desires to become pre-qualified to bid on work advertised by IDOT must submit the properly completed pre-qualification forms to the Bureau of Construction no later that 4:30 p.m. prevailing time twenty-one days prior to the letting of interest. This pre-qualification requirement applies to first time contractors, contractors renewing expired ratings, contractors maintaining continuous pre-qualification or contractors requesting revised ratings. To be eligible to bid, existing pre-qualification ratings must be effective through the date of letting.

#### **REQUESTS FOR AUTHORIZATION TO BID**

Contractors wanting to bid on items included in a particular letting must submit the properly completed "Request for Proposal Forms and Plans & Request for Authorization to Bid" (BDE 124) and the ORIGINAL "Affidavit of Availability" (BC 57) to the proper office no later than 4:30 p.m. prevailing time, three (3) days prior to the letting date.

#### WHO CAN BID?

Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction.

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "Request for Proposal Forms and Plans" he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued a **Proposal Denial and/or Authorization Form**, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Proposal Denial and/or Authorization Form** will indicate the reason for denial.

**ABOUT AUTHORIZATION TO BID:** Firms that have not received an authorization form within a reasonable time of complete and correct original document submittal should contact the department as to status. This is critical in the week before the letting. These documents must be received three days before the letting date. Firms unsure as to authorization status should call the Prequalification Section of the Bureau of Construction at the number listed at the end of these instructions.

WHAT MUST BE INCLUDED WHEN BIDS ARE SUBMITTED?: Bidders need not return the entire proposal when bids are submitted. That portion of the proposal that must be returned includes the following:

- 1. All documents from the Proposal Cover Sheet through the Proposal Bid Bond
- 2. Other special documentation and/or information that may be required by the contract special provisions

All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed by IDOT personnel.

**ABOUT SUBMITTING BIDS**: It is recommended that bidders deliver bids in person to insure they arrive at the proper location prior to the time specified for the receipt of bids. Any bid received at the place of letting after the time specified will not be accepted.

#### WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

Questions Regarding

Call

Prequalification and/or Authorization to Bid

217/782-3413

Preparation and submittal of bids

217/782-7806

Mailing of plans and proposals

217/782-7806

#### **ADDENDUMS TO THE PROPOSAL FORMS**

Planholders should verify that they have received and incorporated the revisions prior to submitting their bid. If plans/proposals were requested prior to the date of the addendum, an addendum package should have been mailed to the planholder. If plans/proposals were ordered after the date of the addendum, the plans/proposal package should already include all revisions and an identifying addendum sheet immediately after the proposal cover sheet. Failure by the bidder to include an addendum could result in a bid being rejected as irregular. If a planholder has not received an addendum within 5 days after the addendum date noted, they should call 217-782-7806.

87

BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAI (See instructions inside front cover)

KETOKK WITH DID
Proposal Submitted By
Name
Hamo
Address
Address
City

## Letting March 8, 2002

### NOTICE TO PROSPECTIVE BIDDERS

This proposal can be used for bidding purposes by only those companies that request and receive written AUTHORIZATION TO BID from IDOT's Central Bureau of Construction. (SEE INSTRUCTIONS ON THE INSIDE OF COVER)

# Notice To Bidders, Specifications, Proposal, Contract and Contract Bond



Springfield, Illinois 62764

Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds

PLEASE MARK THE APPROPRIATE BOX BELOW:				
A Bid Bond is included.				
☐ A <u>Cashier's Check</u> or a <u>Certified Check</u> is included.				

Prepared by

S

Checked by

#### **INSTRUCTIONS**

**ABOUT IDOT PROPOSALS**: All proposals issued by IDOT are potential bidding proposals. Each proposal contains all Certifications and Affidavits, a Proposal Signature Sheet and a Proposal Bid Bond required for Prime Contractors to submit a bid after written **Authorization to Bid** has been issued by IDOT's Central Bureau of Construction.

**HOW MANY PROPOSALS SHOULD PROSPECTIVE BIDDERS REQUEST?**: Prospective bidders should, prior to submitting their initial request for plans and proposals, determine their needs and request the total number of plans and proposals needed for each item requested. There will be a nonrefundable charge of \$15 for each set of plans and specifications issued.

**WHO CAN BID?**: Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction. To request authorization, a potential bidder <u>must complete and submit Part B of the Request for Proposal Forms and Plans & Request for Authorization to Bid form (BDE 124) and submit an original Affidavit of Availability (BC 57).</u>

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "Request for Proposal Forms and Plans" he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued a Proposal Denial and/or Authorization Form, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If Authorization to Bid cannot be approved, the Proposal Denial and/or Authorization Form will indicate the reason for denial. If a contractor has requested to bid but has not received a Proposal Denial and/or Authorization Form, they should contact the Central Bureau of Construction in advance of the letting date.

WHAT MUST BE INCLUDED WHEN BIDS ARE SUBMITTED?: Bidders need not return the entire proposal when bids are submitted. That portion of the proposal that must be returned includes the following:

- 1. All documents from the Proposal Cover Sheet through the Proposal Bid Bond
- 2. Other special documentation and/or information that may be required by the contract special provisions

All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed by IDOT personnel.

**ABOUT SUBMITTING BIDS**: It is recommended that bidders deliver bids in person to insure they arrive at the proper location prior to the time specified for the receipt of bids. Any bid received at the place of letting after the time specified will not be accepted.

Call

#### WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

**Questions Regarding** 

Prequalification and/or Authorization to Bid	217/782-3413
Preparation and submittal of bids	217/782-7806
Mailing of plans and proposals	217/782-7806



**PROPOSAL** 

IC	O THE DEPARTMENT OF TRANSPORTATION				
1.	Proposal of				

for the improvement identified and advertised for bids in the Invitation for Bids as:

Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds

3.0 miles of 20 ft width resurfacing with a bituminous surface plant mix and 3 ft width aggregate shoulders on FAS Route 735 (Shipman Blacktop) between Plainview and Beaver Dam State Park.

2. The undersigned bidder will furnish all labor, material and equipment to complete the above described project in a good and workmanlike manner as provided in the contract documents provided by the Department of Transportation. This proposal will become part of the contract and the terms and conditions contained in the contract documents shall govern performance and payments.

- 3. ASSURANCE OF EXAMINATION AND INSPECTION/WAIVER. The undersigned further declares that he/she has carefully examined the proposal, plans, specifications, form of contract and contract bond, and special provisions, and that he/she has inspected in detail the site of the proposed work, and that he/she has familiarized themselves with all of the local conditions affecting the contract and the detailed requirements of construction, and understands that in making this proposal he/she waives all right to plead any misunderstanding regarding the same.
- 4. **EXECUTION OF CONTRACT AND CONTRACT BOND.** The undersigned further agrees to execute a contract for this work and present the same to the department within fifteen (15) days after the contract has been mailed to him/her. The undersigned further agrees that he/she and his/her surety will execute and present within fifteen (15) days after the contract has been mailed to him/her contract bond satisfactory to and in the form prescribed by the Department of Transportation, in the penal sum of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract.
- 5. **PROPOSAL GUARANTY.** Accompanying this proposal is either a bid bond on the department form, executed by a corporate surety company satisfactory to the department, or a proposal guaranty check consisting of a bank cashier's check or a properly certified check for not less than 5 per cent of the amount bid or for the amount specified in the following schedule:

			Proposal				Proposal
	Amount (	of Bid	<u>Guaranty</u>	:	Amount o	of Bid	<u>Guaranty</u>
Up to		\$5,000	\$150	\$2,000,000	to	\$3,000,000	\$100,000
\$5,000	to	\$10,000	\$300	\$3,000,000	to	\$5,000,000	\$150,000
\$10,000	to	\$50,000	\$1,000	\$5,000,000	to	\$7,500,000	\$250,000
\$50,000	to	\$100,000	\$3,000	\$7,500,000	to	\$10,000,000	\$400,000
\$100,000	to	\$150,000	\$5,000	\$10,000,000	to	\$15,000,000	\$500,000
\$150,000	to	\$250,000	\$7,500	\$15,000,000	to	\$20,000,000	\$600,000
\$250,000	to	\$500,000	\$12,500	\$20,000,000	to	\$25,000,000	\$700,000
\$500,000	to	\$1,000,000	\$25,000	\$25,000,000	to	\$30,000,000	\$800,000
\$1,000,000	to	\$1,500,000	\$50,000	\$30,000,000	to	\$35,000,000	\$900,000
\$1,500,000	to	\$2,000,000	\$75,000	over		\$35,000,000	\$1,000,000

Bank cashier's checks or properly certified checks accompanying proposals shall be made payable to the Treasurer, State of Illinois, when the state is awarding authority; the county treasurer, when a county is the awarding authority; or the city, village, or town treasurer, when a city, village, or town is the awarding authority.

If a combination bid is submitted, the proposal guaranties which accompany the individual proposals making up the combination will be considered as also covering the combination bid.

The amount of the proposal guaranty check is \_\_\_\_\_\_\_\_\$( ). If this proposal is accepted and the undersigned shall fail to execute a contract bond as required herein, it is hereby agreed that the amount of the proposal guaranty shall become the property of the State of Illinois, and shall be considered as payment of damages due to delay and other causes suffered by the State because of the failure to execute said contract and contract bond; otherwise, the bid bond shall become void or the proposal guaranty check shall be returned to the undersigned.

## 

Mark the proposal cover sheet as to the type of proposal guaranty submitted.

BD 354 (Rev. 11/2001)

6. **COMBINATION BIDS.** The undersigned further agrees that if awarded the contract for the sections contained in the following combination, he/she will perform the work in accordance with the requirements of each individual proposal comprising the combination bid specified in the schedule below, and that the combination bid shall be prorated against each section in proportion to the bid submitted for the same. If an error is found to exist in the gross sum bid for one or more of the individual sections included in a combination, the combination bid shall be corrected as provided in the specifications.

When a combination bid is submitted, the schedule below must be completed in each proposal comprising the combination.

If alternate bids are submitted for one or more of the sections comprising the combination, a combination bid must be submitted for each alternate.

#### **Schedule of Combination Bids**

Combination		Combinatio	Combination Bid		
No.	Sections Included in Combination	Dollars	Cents		

- 7. SCHEDULE OF PRICES. The undersigned bidder submits herewith, in accordance with the rules and instructions, a schedule of prices for the items of work for which bids are sought. The unit prices bid are in U.S. dollars and cents, and all extensions and summations have been made. The bidder understands that the quantities appearing in the bid schedule are approximate and are provided for the purpose of obtaining a gross sum for the comparison of bids. If there is an error in the extension of the unit prices, the unit prices shall govern. Payment to the contractor awarded the contract will be made only for actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as provided elsewhere in the contract.
- 8. **CERTIFICATE OF AUTHORITY.** The undersigned bidder, if a business organized under the laws of another State, assures the Department that it will furnish a copy of its certificate of authority to do business in the State of Illinois with the return of the executed contract and bond. Failure to furnish the certificate within the time provided for execution of an awarded contract may be cause for cancellation of the award and forfeiture of the proposal guaranty to the State.

# ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 72592

State Job # - C-96-009-02 PPS NBR - 0-00840-6013

Project Number Route
FAS 735

County Name - MACOUPIN- -

Code - 117 - District - 6 - Section Number - 7RS-5

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X7200300	ILLINOIS FIRST SIGNS	EACH	2.000				
35800100	PREPARATION OF BASE	SQ YD	1,276.000				
40500200	BIT MATLS PR CT	TON	13.400				
40500300	BIT MIX COMPL	TON	4,670.000				
40600300	AGG PR CT	TON	71.000				
40600980	BIT SURF REM BUTT JT	SQ YD	273.000				
40600990	TEMPORARY RAMP	SQ YD	58.000				
40800020	BIT MATLS PR CT	TON	2.500				
40800030	AGG PR CT	TON	4.000				
40800040	INCIDENTAL BIT SURF	TON	388.000				
48101200	AGGREGATE SHLDS B	TON	1,531.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				

#### Page 2

# ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF PRICES CONTRACT NUMBER - 72592

State Job # - C-96-009-02 PPS NBR - 0-00840-6013

MACOUPIN- -

Project Number

Route FAS 735

Code - 117 - - District - 6 - -

Section Number - 7RS-5

County Name -

ltem Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
70300100	SHORT-TERM PAVT MKING	FOOT	4,764.000				
70300230	TEMP PVT MK LINE 5	FOOT	43,551.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	529.000				
78001120	PAINT PVT MK LINE 5	FOOT	43,551.000				

#### CONTRACT NUMBER

72592

THIS IS THE TOTAL BID \$	
--------------------------	--

#### NOTES:

- 1. Each PAY ITEM should have a UNIT PRICE and a TOTAL PRICE.
- 2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.
- 3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.
- 4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is §

# STATE REQUIRED ETHICAL STANDARDS GOVERNING CONTRACT PROCUREMENT: ASSURANCES, CERTIFICATIONS AND DISCLOSURES

#### I. GENERAL

- **A.** Article 50 of the Illinois Procurement Code establishes the duty of all State chief procurement officers, State purchasing officers, and their designees to maximize the value of the expenditure of public moneys in procuring goods, services, and contracts for the State of Illinois and to act in a manner that maintains the integrity and public trust of State government. In discharging this duty, they are charged by law to use all available information, reasonable efforts, and reasonable actions to protect, safeguard, and maintain the procurement process of the State of Illinois.
- **B.** In order to comply with the provisions of Article 50 and to carry out the duty established therein, all bidders are to adhere to ethical standards established for the procurement process, and to make such assurances, disclosures and certifications required by law. By execution of the Proposal Signature Sheet, the bidder indicates that each of the mandated assurances has been read and understood, that each certification is made and understood, and that each disclosure requirement has been understood and completed.
- **C.** In addition to all other remedies provided by law, failure to comply with any assurance, failure to make any disclosure or the making of a false certification shall be grounds for termination of the contract and the suspension or debarment of the bidder.

#### **II. ASSURANCES**

**A.** The assurances hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous assurance, and the surety providing the performance bond shall be responsible for the completion of the contract.

#### B. Felons

1. The Illinois Procurement Code provides:

Section 50-10. Felons. Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any state agency from the date of conviction until 5 years after the date of completion of the sentence for that felony, unless no person held responsible by a prosecutorial office for the facts upon which the conviction was based continues to have any involvement with the business.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-10.

#### C. Conflicts of Interest

1. The Illinois Procurement Code provides in pertinent part:

Section 50-13. Conflicts of Interest.

- (a) Prohibition. It is unlawful for any person holding an elective office in this State, holding a seat in the General Assembly, or appointed to or employed in any of the offices or agencies of state government and who receives compensation for such employment in excess of 60% of the salary of the Governor of the State of Illinois, or who is an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority, or who is the spouse or minor child of any such person to have or acquire any contract, or any direct pecuniary interest in any contract therein, whether for stationery, printing, paper, or any services, materials, or supplies, that will be wholly or partially satisfied by the payment of funds appropriated by the General Assembly of the State of Illinois or in any contract of the Capital Development Board or the Illinois Toll Highway authority.
- (b) Interests. It is unlawful for any firm, partnership, association or corporation, in which any person listed in subsection (a) is entitled to receive (i) more than 7 1/2% of the total distributable income or (ii) an amount in excess of the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.
- (c) Combined interests. It is unlawful for any firm, partnership, association, or corporation, in which any person listed in subsection (a) together with his or her spouse or minor children is entitled to receive (i) more than 15%, in the aggregate, of the total distributable income or (ii) an amount in excess of 2 times the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.
- (d) Securities. Nothing in this Section invalidates the provisions of any bond or other security previously offered or to be offered for sale or sold by or for the State of Illinois.
- (e) Prior interests. This Section does not affect the validity of any contract made between the State and an officer or employee of the State or member of the General Assembly, his or her spouse, minor child or any combination of those persons if that contract was in existence before his or her election or employment as an officer, member, or employee. The contract is voidable, however, if it cannot be completed within 365 days after the officer, member, or employee takes office or is employed.

The current salary of the Governor is \$150,700.00. Sixty percent of the salary is \$90,420.00.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-13, or that an effective exemption has been issued by the Board of Ethics to any individual subject to the Section 50-13 prohibitions pursuant to the provisions of Section 50-20 of the Code and Executive Order Number 3 (1998). Information concerning the exemption process is available from the Department upon request.

#### D. Negotiations

1. The Illinois Procurement Code provides in pertinent part:

Section 50-15. Negotiations.

- (a) It is unlawful for any person employed in or on a continual contractual relationship with any of the offices or agencies of State government to participate in contract negotiations on behalf of that office or agency with any firm, partnership, association, or corporation with whom that person has a contract for future employment or is negotiating concerning possible future employment.
- 2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-15, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

#### E. Inducements

1. The Illinois Procurement Code provides:

Section 50-25. Inducement. Any person who offers or pays any money or other valuable thing to any person to induce him or her not to bid for a State contract or as recompense for not having bid on a State contract is guilty of a Class 4 felony. Any person who accepts any money or other valuable thing for not bidding for a State contract or who withholds a bid in consideration of the promise for the payment of money or other valuable thing is guilty of a Class 4 felony.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-25, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

#### F. Revolving Door Prohibition

1. The Illinois Procurement Code provides:

Section 50-30. Revolving door prohibition. Chief procurement officers, associate procurement officers, State purchasing officers, their designees whose principal duties are directly related to State procurement, and executive officers confirmed by the Senate are expressly prohibited for a period of 2 years after terminating an affected position from engaging in any procurement activity relating to the State agency most recently employing them in an affected position for a period of at least 6 months. The prohibition includes, but is not limited to: lobbying the procurement process; specifying; bidding; proposing bid, proposal, or contract documents; on their own behalf or on behalf of any firm, partnership, association, or corporation. This Section applies only to persons who terminate an affected position on or after January 15,

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-30, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

#### G. Reporting Anticompetitive Practices

1. The Illinois Procurement Code provides:

Section 50-40. Reporting anticompetitive practices. When, for any reason, any vendor, bidder, contractor, chief procurement officer, State purchasing officer, designee, elected official, or State employee suspects collusion or other anticompetitive practice among any bidders, offerors, contractors, proposers, or employees of the State, a notice of the relevant facts shall be transmitted to the Attorney General and the chief procurement officer.

2. The bidder assures the Department that it has not failed to report any relevant facts concerning the practices addressed in Section 50-40 which may involve the contract for which the bid is submitted.

#### H. Confidentiality

1. The Illinois Procurement Code provides:

Section 50-45. Confidentiality. Any chief procurement officer, State purchasing officer, designee, or executive officer who willfully uses or allows the use of specifications, competitive bid documents, proprietary competitive information, proposals, contracts, or selection information to compromise the fairness or integrity of the procurement, bidding, or contract process shall be subject to immediate dismissal, regardless of the Personnel code, any contract, or any collective bargaining agreement, and may in addition be subject to criminal prosecution.

2. The bidder assures the Department that it has no knowledge of any fact relevant to the practices addressed in Section 50-45 which may involve the contract for which the bid is submitted.

#### I. Insider Information

1. The Illinois Procurement Act provides:

Section 50-50. Insider information. It is unlawful for any current or former elected or appointed State official or State employee to knowingly use confidential information available only by virtue of that office or employment for actual or anticipated gain for themselves or another person.

2. The bidder assures the Department that it has no knowledge of any facts relevant to the practices addressed in Section 50-50 which may involve the contract for which the bid is submitted.

#### III. CERTIFICATIONS

**A.** The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous certification, and the surety providing the performance bond shall be responsible for completion of the contract.

#### B. Bribery

1. The Illinois Procurement Code provides:

Section 50-5. Bribery.

- (a) Prohibition. No person or business shall be awarded a contract or subcontract under this Code who:
  - (1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or
  - (2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.
- (b) Businesses. No business shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and:
  - (1) the business has been finally adjudicated not guilty; or
  - (2) the business demonstrates to the governmental entity with which it seeks to contract, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in paragraph (2) of subsection (a) of Section 5-4 of the Criminal Code of 1961.
- (c) Conduct on behalf of business. For purposes of this Section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.
- (d) Certification. Every bid submitted to and contract executed by the State shall contain a certification by the contractor that the contractor is not barred from being awarded a contract or subcontract under this Section. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.
- 2. The bidder certifies that it is not barred from being awarded a contract under Section 50.5.

#### C. Educational Loan

- 1. Section 3 of the Educational Loan Default Act provides:
- § 3. No State agency shall contract with an individual for goods or services if that individual is in default, as defined in Section 2 of this Act, on an educational loan. Any contract used by any State agency shall include a statement certifying that the individual is not in default on an educational loan as provided in this Section.
- 2. The bidder, if an individual as opposed to a corporation, partnership or other form of business organization, certifies that the bidder is not in default on an educational loan as provided in Section 3 of the Act.

#### D. Bid-Rigging/Bid Rotating

1. Section 33E-11 of the Criminal Code of 1961 provides:

§ 33E-11. (a) Every bid submitted to and public contract executed pursuant to such bid by the State or a unit of local government shall contain a certification by the prime contractor that the prime contractor is not barred from contracting with any unit of State or local government as a result of a violation of either Section 33E-3 or 33E-4 of this Article. The State and units of local government shall provide the appropriate forms for such certification.

(b) A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

2. The bidder certifies that it is not barred from contracting with the Department by reason of a violation of either Section 33E-3 or Section 33E-4.

#### E. International Anti-Boycott

- 1. Section 5 of the International Anti-Boycott Certification Act provides:
- § 5. State contracts. Every contract entered into by the State of Illinois for the manufacture, furnishing, or purchasing of supplies, material, or equipment or for the furnishing of work, labor, or services, in an amount exceeding the threshold for small purchases according to the purchasing laws of this State or \$10,000.00, whichever is less, shall contain certification, as a material condition of the contract, by which the contractor agrees that neither the contractor nor any substantially-owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act.
- 2. The bidder makes the certification set forth in Section 5 of the Act.

#### F. Drug Free Workplace

- 1. The Illinois "Drug Free Workplace Act" applies to this contract and it is necessary to comply with the provisions of the "Act" if the contractor is a corporation, partnership, or other entity (including a sole proprietorship) which has 25 or more employees.
- 2. The bidder certifies that if awarded a contract in excess of \$5,000 it will provide a drug free workplace by:
- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, including cannabis, is prohibited in the contractor's workplace; specifying the actions that will be taken against employees for violations of such prohibition; and notifying the employee that, as a condition of employment on such contract, the employee shall abide by the terms of the statement, and notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about the dangers of drug abuse in the workplace; the contractor's policy of maintaining a drug free workplace; any available drug counseling, rehabilitation, and employee assistance programs; and the penalties that may be imposed upon employees for drug violations.
- (c) Providing a copy of the statement required by subparagraph (1) to each employee engaged in the performance of the contract and to post the statement in a prominent place in the workplace.
- (d) Notifying the Department within ten (10) days after receiving notice from an employee or otherwise receiving actual notice of the conviction of an employee for a violation of any criminal drug statute occurring in the workplace.
- (e) Imposing or requiring, within 30 days after receiving notice from an employee of a conviction or actual notice of such a conviction, an appropriate personnel action, up to and including termination, or the satisfactory participation in a drug abuse assistance or rehabilitation program approved by a federal, state or local health, law enforcement or other appropriate agency.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.
- (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the actions and efforts stated in this certification.

#### TO BE RETURNED WITH BID

#### IV. DISCLOSURES

**A.** The disclosures hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous disclosure, and the surety providing the performance bond shall be responsible for completion of the contract.

#### **B.** Financial Interests and Conflicts of Interest

1. Section 50-35 of the Illinois Procurement Code provides that all bids of more than \$10,000 shall be accompanied by disclosure of the financial interests of the bidder. This disclosed information for the successful bidder, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act.

The financial interests to be disclosed shall include ownership or distributive income share that is in excess of 5%, or an amount greater than 60% of the annual salary of the Governor, of the bidding entity or its parent entity, whichever is less, unless the contractor or bidder is a publicly traded entity subject to Federal 10K reporting, in which case it may submit its 10K disclosure in place of the prescribed disclosure. If a bidder is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. The disclosure shall include the names, addresses, and dollar or proportionate share of ownership of each person making the disclosure, their instrument of ownership or beneficial relationship, and notice of any potential conflict of interest resulting from the current ownership or beneficial interest of each person making the disclosure having any of the relationships identified in Section 50-35 and on the disclosure form.

In addition, all disclosures shall indicate any other current or pending contracts, proposals, leases, or other ongoing procurement relationships the bidding entity has with any other unit of state government and shall clearly identify the unit and the contract, proposal, lease, or other relationship.

2. <u>Disclosure Forms</u>. Disclosure Form A is attached for use concerning the individuals meeting the above ownership or distributive share requirements. Subject individuals should be covered each by one form. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies. **The forms must be included with each bid or incorporated by reference.** 

#### C. <u>Disclosure Form Instructions</u>

#### Form A: For bidders that have previously submitted the information requested in Form A

The Department has retained the Form A disclosures submitted by all bidders responding to these requirements for the April 24, 1998 or any subsequent letting conducted by the Department. The bidder has the option of submitting the information again or the bidder may sign the following certification statement indicating that the information previously submitted by the bidder is, as of the date of signature, current and accurate. The Certification must be signed and dated by a person who is authorized to execute contracts for the bidding company. Before signing this certification, the bidder should carefully review its prior submissions to ensure the Certification is correct. If the Bidder signs the Certification, the Bidder should proceed to Form B instructions.

#### **CERTIFICATION STATEMENT**

I have determined that the Form A disclosure informaccurate, and all forms are hereby incorporated by forms or amendments to previously submitted for	y reference in this bid. Any n		
(Bidding Company)			
Name of Authorized Representative (type or print)	Title of Authorized Represer	ntative (type or print)	
Signature of Auth	norized Representative	Date	

#### Form A: For bidders who have NOT previously submitted the information requested in Form A

If the bidder is a publicly traded entity subject to Federal 10K reporting, the 10K Report may be submitted to meet the requirements of Form A. If a bidder is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. If a bidder is not subject to Federal 10K reporting, the bidder must determine if any individuals are required by law to complete a financial disclosure form. To do this, the bidder should answer each of the following questions. A "YES" answer indicates Form A must be completed. If the answer to each of the following questions is "NO", then the NOT APPLICABLE STATEMENT on the second page of Form A must be signed and dated by a person that is authorized to execute contracts for the bidding company. Note: These questions are for assistance only and are not required to be completed.

	1.	Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES NO
	2.	Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than \$90,420.00? YES NO
	3.	Does anyone in your organization receive more than \$90,420.00 of the bidding entity's or parent entity's distributive income? (Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.) YES NO
	4.	Does anyone in your organization receive greater than 5% of the bidding entity's or parent entity's total distributive income, but which is less than \$90,420.00? YES NO
		(Note: Only one set of forms needs to be completed <u>per person per bid</u> even if a specific individual would require a yes answer to more than one question.)
the b	iddir hori:	answer to any of these questions requires the completion of Form A. The bidder must determine each individual in the bidding entity or ag entity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by a person that zed to execute contracts for your organization. <b>Photocopied or stamped signatures are not acceptable</b> . The person signing can be, not have to be, the person for which the form is being completed. The bidder is responsible for the accuracy of any information provided.
		wer to each of the above questions is "NO", then the <u>NOT APPLICABLE STATEMENT</u> on page 2 of Form A must be signed and dated on that is authorized to execute contracts for your company.
the b	iddir L <i>ICA</i>	Identifying Other Contracts & Procurement Related Information Disclosure Form B must be completed for each bid submitted by an individual who is authorized to execute contracts for the bidding entity. Note: Signing the NOT BLE STATEMENT on Form A does not allow the bidder to ignore Form B. Form B must be completed, signed and dated or the bidder considered nonresponsive and the bid will not be accepted.
ongo	ing p	er shall identify, by checking Yes or No on Form B, whether it has any pending contracts (including leases), bids, proposals, or other procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the bidder only needs to complete the box on the bottom of Form B. If "Yes" is checked, the bidder must do one of the following:
agen attacl	cy pohed hed acts	If the bidder did not submit an Affidavit of Availability to obtain authorization to bid, the bidder must list all non-IDOT State of Illinois ending contracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an sheet(s). Do not include IDOT contracts. Contracts with cities, counties, villages, etc. are not considered State of Illinois agency and are not to be included. Contracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital nent Board must be included. Bidders who submit Affidavits of Availability are suggested to use Option II.
"See agen	Affic	If the bidder is required and has submitted an Affidavit of Availability in order to obtain authorization to bid, the bidder may write or type davit of Availability" which indicates that the Affidavit of Availability is incorporated by reference and includes all non-IDOT State of Illinois ending contracts, leases, bids, proposals, and other ongoing procurement relationships. For any contracts that are not covered by the of Availability, the bidder must identify them on Form B or on an attached sheet(s). These might be such things as leases.
Bidd	ers	Submitting More Than One Bid
	se in	ubmitting multiple bids may submit one set of forms consisting of all required Form A disclosures and one Form B for use with all bids. dicate in the space provided below the bid item that contains the original disclosure forms and the bid items which incorporate the forms nce.
•		e bid submitted for letting item contains the Form A disclosures or Certification Statement and the Form B closures. The following letting items incorporate the said forms by reference:

## **ILLINOIS DEPARTMENT OF TRANSPORTATION**

## Form A Financial Information & Potential Conflicts of Interest **Disclosure**

Contractor Name		
egal Address		
ity, State, Zip		
elephone Number	Email Address	Fax Number (if available)
sclosure of the information contained in the CS 500). Vendors desiring to enter into a tential conflict of interest information as solicly available contract file. This Form antracts. A publicly traded company made requirements set forth in Form A. See	a contract with the State of Illinois specified in this Disclosure Form. A must be completed for bids in a y submit a 10K disclosure (or e	must disclose the financial information and This information shall become part of the excess of \$10,000, and for all open-endendical open-ende
ownership or distributive income share in	excess of 5%, or an interest which the copies of this form as necessatirements)	interest in the BIDDER (or its parent) in terr has a value of more than \$90,420.00 (60% ry and attach a separate Disclosure For
ADDRESS		
Type of ownership/distributable income	me share:	
stock sole proprietorship or \$ value of ownership/distributable		other: (explain on separate sheet):
	e answer to any question is "Yes", p	
If your answer is yes, please answe	er each of the following questions.	YesNo
<ol> <li>Are you currently an officer Highway Authority?</li> </ol>	or employee of either the Capitol D	evelopment Board or the Illinois Toll YesNo
currently appointed to or en exceeds \$90,420.00, (60%)	d to or employed by any agency of nployed by any agency of the State 6 of the Governor's salary as of 7/mployed and your annual salary.	of Illinois, and your annual salary

	3.	salary exceeds \$90,420.00, (60% of the Governor's salary as of 7/1/(i) more than 7 1/2% of the total distributable income of your firm, corporation, or (ii) an amount in excess of the salary of the Governor?	(01) are you entitled to receive partnership, association or
	4.	If you are currently appointed to or employed by any agency of the Stasalary exceeds \$90,420.00, (60% of the Governor's salary as of 7/1/or minor children entitled to receive (i) more than 15 % in the aggreincome of your firm, partnership, association or corporation, or (ii) and the salary of the Governor?	(01) are you and your spouse egate of the total distributable
b)		byment of spouse, father, mother, son, or daughter, including contractious 2 years.	tual employment services
	If your answ	wer is yes, please answer each of the following questions.	YesNo
	1.	Is your spouse or any minor children currently an officer or employee Board or the Illinois Toll Highway Authority?	of the Capitol Development YesNo
	2.	Is your spouse or any minor children currently appointed to or employ of Illinois? If your spouse or minor children is/are currently app agency of the State of Illinois, and his/her annual salary exceeds: Governor's salary as of 7/1/01) provide the name of your spouse an of the State agency for which he/she is employed and his/her annual	ointed to or employed by any s \$90,420.00, (60 % of the nd/or minor children, the name
	3.	If your spouseor any minor children is/are currently appointed to or extracted of Illinois, and his/her annual salary exceeds \$90,420.00, (60% as of 7/1/01) are you entitled to receive (i) more then 71/2% of the total firm, partnership, association or corporation, or (ii) an amount in Governor?	of the salary of the Governor al distributable income of your
	4.	If your spouse or any minor children are currently appointed to or em State of Illinois, and his/her annual salary exceeds \$90,420.00, (60% 7/1/01) are you and your spouse or minor children entitled to rece aggregate of the total distributable income of your firm, partnership, (ii) an amount in excess of 2 times the salary of the Governor?	of the Governor's salary as of ive (i) more than 15 % in the
			YesNo
	unit of	ve status; the holding of elective office of the State of Illinois, the govern local government authorized by the Constitution of the State of Illinois currently or in the previous 3 years.	nment of the United States, any or the statutes of the State of YesNo
	, ,	onship to anyone holding elective office currently or in the previous 2 year daughter.	ears; spouse, father, mother, YesNo
	Americ of the	ntive office; the holding of any appointive government office of the State ca, or any unit of local government authorized by the Constitution of the State of Illinois, which office entitles the holder to compensation in exceptange of that office currently or in the previous 3 years.	e State of Illinois or the statutes
		nship to anyone holding appointive office currently or in the previous 2 daughter.	years; spouse, father, mother, YesNo
	(g) Emplo	yment, currently or in the previous 3 years, as or by any registered lobl	byist of the State government. YesNo

	Relationship to a son, or daughter.	nyone who is or was a registered lobbyist in the previous 2 years; spour	
.,	committee regist	ployment, currently or in the previous 3 years, by any registered electered with the Secretary of State or any county clerk of the State of Illinoregistered with either the Secretary of State or the Federal Board of Elec	ois, or any political ections.
	last 2 years by ar county clerk of th	nyone; spouse, father, mother, son, or daughter; who was a compensately registered election or re-election committee registered with the Secrete State of Illinois, or any political action committee registered with either	etary of State or any er the Secretary of
		APPLICABLE STATEMENT	
Thi	s Disclosure Fo	rm A is submitted on behalf of the INDIVIDUAL named on previous	s page.
Cor	mpleted by:		
001	inplotod by.	Name of Authorized Representative (type or print)	
Cor	mpleted by:		
		Title of Authorized Representative (type or print)	
Cor	mpleted by:		
		Signature of Individual or Authorized Representative	Date
		NOT APPLICABLE STATEMENT	
		that no individuals associated with this organization meet the crite tion of this Form A.	eria that would
Thi	s Disclosure Fo	rm A is submitted on behalf of the CONTRACTOR listed on the pre	evious page.
		Name of Authorized Representative (type or print)	
		Title of Authorized Representative (type or print)	
		Signature of Authorized Representative	Date

# ILLINOIS DEPARTMENT OF TRANSPORTATION

# Form B Other Contracts & Procurement Related Information Disclosure

ontractor Name		
egal Address		
ty, State, Zip		
elephone Number	Email Address	Fax Number (if available)
•		
	of the publicly available contract file.	50-35 of the Illinois Procurement Act (30 I This Form B must be completed for bid
DISCLOSURE OF OTHER	CONTRACTS AND PROCUREME	NT RELATED INFORMATION
Identifying Other Contracts & Procuending contracts (including leases), bids, inois agency:  Yes No  "No" is checked, the bidder only needs	, proposals, or other ongoing procure	ement relationship with any other State of
•	h relationship by showing State of III	nois agency name and other descriptive
erroeriere.		
THE F	OLLOWING STATEMENT MUST B	E SIGNED
N	lame of Authorized Representative (type or p	rint)
	Title of Authorized Representative (type or pri	nt)
	Signature of Authorized Representative	Date

#### **SPECIAL NOTICE TO CONTRACTORS**

The following requirements of the Illinois Department of Human Rights' Rules and Regulations are applicable to bidders on all construction contracts advertised by the Illinois Department of Transportation:

#### **CONSTRUCTION EMPLOYEE UTILIZATION PROJECTION**

- (a) All bidders on construction contracts shall complete and submit, along with and as part of their bids, a Bidder's Employee Utilization Form (Form BC-1256) setting forth a projection and breakdown of the total workforce intended to be hired and/or allocated to such contract work by the bidder including a projection of minority and female employee utilization in all job classifications on the contract project.
- (b) The Department of Transportation shall review the Employee Utilization Form, and workforce projections contained therein, of the contract awardee to determine if such projections reflect an underutilization of minority persons and/or women in any job classification in accordance with the Equal Employment Opportunity Clause and Section 7.2 of the Illinois Department of Human Rights' Rules and Regulations for Public Contracts adopted as amended on September 17, 1980. If it is determined that the contract awardee's projections reflect an underutilization of minority persons and/or women in any job classification, it shall be advised in writing of the manner in which it is underutilizing and such awardee shall be considered to be in breach of the contract unless, prior to commencement of work on the contract project, it submits revised satisfactory projections or an acceptable written affirmative action plan to correct such underutilization including a specific timetable geared to the completion stages of the contract.
- (c) The Department of Transportation shall provide to the Department of Human Rights a copy of the contract awardee's Employee Utilization Form, a copy of any required written affirmative action plan, and any written correspondence related thereto. The Department of Human Rights may review and revise any action taken by the Department of Transportation with respect to these requirements.



Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds

								ļ	Distri	ict 6	Cons	tructio	n Fı	unds	i			
PART I. IDENTIFICA	ATION																	
Dept. Human Rights #							_ Dui	ration o	of Proje	ect: _						_		
Name of Bidder:																_		
PART II. WORKFO A. The undersigned which this contract wor projection including a p	bidder hark is to be	as analyz perform	ed mir ed, an	d for the	he locat	ions fro	m whi	ch the b	oidder re	ecruits	employ	ees, and I	nereb	y subn	nits the fo ted to this	llow	ing work ntract:	in force
		TOTA	L Wo	rkforce	Project	ion for	Contra	act						C	URRENT			ES
				MINO	ORITY E	MPI O	YFFS			TRA	AINEES				TO BE		RACT	
JOB CATEGORIES		OYEES		ACK	HISP	ANIC	*OT MIN		APPI TIC	REN- ES	ON T	HE JOB INEES		EMPL	TAL OYEES		MINO EMPL	ORITY OYEES
OFFICIALS (MANAGERS)	M	F	M	F	M	F	M	F	M	F	М	F		М	<u> </u>		M	F
SUPERVISORS																		
FOREMEN																		
CLERICAL EQUIPMENT OPERATORS																=		
MECHANICS																		
TRUCK DRIVERS																		
IRONWORKERS													_					
CARPENTERS																		
CEMENT MASONS																		
ELECTRICIANS																		
PIPEFITTERS, PLUMBERS																		
PAINTERS LABORERS,																		
SEMI-SKILLED LABORERS, UNSKILLED																		
TOTAL																		
	TAI	BLE C										OR DEP	A D T I	MENIT	LISE OF	<u>.</u>		
	OTAL Tra	aining Pro	ojectio	n for C	ontract						1	OK DEI	~IX I I	IVIL IN I	USL OI	VL I		
EMPLOYEES IN	EMPLO	TAL DYEES		ACK		ANIC	MII	THER NOR.										
TRAINING APPRENTICES	M	F	M	F	M	F	M	F	1									
ON THE JOB TRAINEES									-									

\*Other minorities are defined as Asians (A) or Native Americans (N).

Please specify race of each employee shown in Other Minorities column.

Note: See instructions on the next page

BC 1256 - Pg 1 (Rev. 3/98) IL 494-0454

Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds

#### PART II. WORKFORCE PROJECTION - continued

B.		ed in "Total Employees" under Table A is the total number of <b>new hires</b> that would be employed in the event dersigned bidder is awarded this contract.									
	The u	ndersigned hidder projects that: (number)									
	recrui	ndersigned bidder projects that: (number) new hires would be ed from the area in which the contract project is located; and/or (number)									
		new hires would be recruited from the area in which the bidder's principal									
	office	or base of operation is located.									
C.		Included in "Total Employees" under Table A is a projection of numbers of persons to be employed directly by the undersigned bidder as well as a projection of numbers of persons to be employed by subcontractors.									
	The u	ndersigned bidder estimates that (number) persons will									
	be dir	ectly employed by the prime contractor and that (number) persons will be yed by subcontractors.									
PART	III. AFF	IRMATIVE ACTION PLAN									
A.	utiliza in any comm (geare utiliza	ndersigned bidder understands and agrees that in the event the foregoing minority and female employee ion projection included under <b>PART II</b> is determined to be an underutilization of minority persons or women job category, and in the event that the undersigned bidder is awarded this contract, he/she will, prior to encement of work, develop and submit a written Affirmative Action Plan including a specific timetable to the completion stages of the contract) whereby deficiencies in minority and/or female employee ion are corrected. Such Affirmative Action Plan will be subject to approval by the contracting agency and epartment of Human Rights.									
В.	subm	ndersigned bidder understands and agrees that the minority and female employee utilization projection tted herein, and the goals and timetable included under an Affirmative Action Plan if required, are deemed to t of the contract specifications.									
Comp	any	Telephone Number									
Addre	ess										
[		NOTICE REGARDING SIGNATURE									
		der's signature on the Proposal Signature Sheet will constitute the signing of this form. The following signature block be completed only if revisions are required.									
	Signatu	re: Title: Date:									
Instruc	tions:	All tables must include subcontractor personnel in addition to prime contractor personnel.									
Table A	4 -	Include both the number of employees that would be hired to perform the contract work and the total number currently employed (Table B) that will be allocated to contract work, and include all apprentices and on-the-job trainees. The "Total Employees" column should include all employees including all minorities, apprentices and on-the-job trainees to be employed on the contract work.									
Table E	3 -	Include all employees currently employed that will be allocated to the contract work including any apprentices and on-the-job trainees currently employed.									
Table (	C -	Indicate the racial breakdown of the total apprentices and on-the-job trainees shown in Table A.									
		BC-1256-Pa, 2 (Rev. 3/98)									

-17-

Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds

#### PROPOSAL SIGNATURE SHEET

The undersigned bidder hereby makes and submits this bid on the subject Proposal, thereby assuring the Department that all requirements of the Invitation for Bids and rules of the Department have been met, that there is no misunderstanding of the requirements of paragraph 3 of this Proposal, and that the contract will be executed in accordance with the rules of the Department if an award is made on this bid.

	Firm Name	
(IF AN INDIVIDUAL)		
	Firm Name	
(IF A CO-PARTNERSHIP)		
,		
		Name and Address of All Members of the Firm:
_		
_		
	Corporate Name	
	Бу	Signature of Authorized Representative
		Typed or printed name and title of Authorized Representative
(IF A CORPORATION)	Δttest	
(IF A JOINT VENTURE, USE THIS SECTION	I	Signature
FOR THE MANAGING PARTY AND THE SECOND PARTY SHOULD SIGN BELOW)	Business Address	
	Corporate Name	
	Ву	
		Signature of Authorized Representative
		Typed or printed name and title of Authorized Representative
(IF A JOINT VENTURE)	Attest	
	Attest	Signature
	Business Address	
If more than two parties are in the joint venture	e, please attach an ac	dditional signature sheet.



Electronic Bid Bond ID#

Company/Bidder Name

### Division of Highways Proposal Bid Bond

(Effective November 1, 1992)

		Item No.
		Letting Date
KNOW ALL MEN BY THESE PRESENTS, That We		
THE OWNER WELL STATES THE SERVER, THE WE		
as PRINCIPAL, and		
		as SURETY, are
Article 102.09 of the "Standard Specifications for Road a	and Bridge Construction" in effect	5 percent of the total bid price, or for the amount specified in on the date of invitation for bids, whichever is the lesser sum, well selves, our heirs, executors, administrators, successors and assigns
		he PRINCIPAL has submitted a bid proposal to the STATE OF ed by the Transportation Bulletin Item Number and Letting Date
in the bidding and contract documents, submit a DBE Ut Department, the PRINCIPAL shall enter into a contract in insurance coverages and providing such bond as specified payment of labor and material furnished in the prosecution or to enter into such contract and to give the specified bond	ilization Plan that is accepted and a accordance with the terms of the d with good and sufficient surety for thereof; or if, in the event of the nd, the PRINCIPAL pays to the Deamount for which the Department	bidding and contract documents including evidence of the required or the faithful performance of such contract and for the prompt failure of the PRINCIPAL to make the required DBE submission epartment the difference not to exceed the penalty hereof between may contract with another party to perform the work covered by
paragraph, then Surety shall pay the penal sum to the	ne Department within fifteen (15 nent may bring an action to colle	comply with any requirement as set forth in the preceding 5) days of written demand therefor. If Surety does not make ect the amount owed. Surety is liable to the Department for ills either in whole or in part.
In TESTIMONY WHEREOF, the said PRI respective officers this day or	NCIPAL and the said SURETY	have caused this instrument to be signed by their
		A.D.,
PRINCIPAL	SURETY	
(Company Name)	(Company Na	me)
By:	By:	
By: (Signature & Title)		(Signature of Attorney-in-Fact)
	Notary Certification for Princ	cipal and Surety
STATE OF ILLINOIS, COUNTY OF		
I,	, a Notary Public	in and for said County, do hereby certify that
	_and	
	individuals signing on behalf of P	
who are each personally known to me to be the san PRINCIPAL and SURETY, appeared before me this instrument as their free and voluntary act for the use	day in person and acknowledg	ged respectively, that they signed and delivered said
Given under my hand and notarial seal this	day of	, A.D
My commission expires		
	Nota	ry Public
		r file an Electronic Bid Bond. By signing below the Principal
the conditions of the bid bond as shown above.	en executed and the Principal a	and Surety are firmly bound unto the State of Illinois under

Signature and Title

## PROPOSAL ENVELOPE



# **PROPOSALS**

for construction work advertised for bids by the Illinois Department of Transportation

Item No.	Item No.	Item No.

#### Submitted By:

Name:	
Address:	
Phone No.	

Bidders should use an IDOT proposal envelope or affix this form to the front of a 10" x 13" envelope for the submittal of bids. If proposals are mailed, they should be enclosed in a second or outer envelope addressed to:

Engineer of Design and Environment - Room 323 Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764

# CONTRACTOR OFFICE COPY OF CONTRACT SPECIFICATIONS

#### **NOTICE**

None of the following material needs to be returned with the bid package unless the special provisions require documentation and/or other information to be submitted.

Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds



# Illinois Department of Transportation

#### **NOTICE TO BIDDERS**

- 1. TIME AND PLACE OF OPENING BIDS. Sealed proposals for the improvement described herein will be received by the Department of Transportation at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., March 8, 2002. All bids will be gathered, sorted, publicly opened and read in the auditorium at the Department of Transportation's Harry R. Hanley Building shortly after the 10:00 a.m. cut off time.
- **2. DESCRIPTION OF WORK**. The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

Contract No. 72592
Macoupin County
Section 7RS-5
FAS Route 735
District 6 Construction Funds

3.0 miles of 20 ft width resurfacing with a bituminous surface plant mix and 3 ft width aggregate shoulders on FAS Route 735 (Shipman Blacktop) between Plainview and Beaver Dam State Park.

- 3. INSTRUCTIONS TO BIDDERS. (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.
  - (b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.
- 4. AWARD CRITERIA AND REJECTION OF BIDS. This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the Illinois Department of Transportation

Kirk Brown, Secretary

BD 351 (Rev. 11/2001)

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

#### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction, Adopted January 1, 2002", the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein, which apply to and govern the construction of FAS Route 735 (Shipman Blacktop), Section 7RS-5, Macoupin County, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### **DESCRIPTION OF WORK**

The work on this project includes, but is not limited to, resurfacing with a bituminous surface plant mix, aggregate shoulders, pavement marking, and all necessary traffic control. This project on the Shipman Blacktop begins approximately a half-mile south of Beaver Dam State Park and extends southerly 3.008 miles.

#### TRAFFIC CONTROL PLAN

Effective: November 1, 1984 Revised: April 15, 1997

Traffic control shall be according to the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions, any special details and Highway Standards contained herein and in the plans.

Special attention is called to Sections 107 and 701 through 705 of the Standard Specifications for Road and Bridge Construction, and as amended by the Supplemental Specifications, Recurring Special Provisions, the Special Provisions contained herein, and the following highway standards relating to traffic control:

701201	701311
701301	701501
701306	702001
	701301

<u>Limitations of Construction</u>: The Contractor shall coordinate the items of work in order to keep hazards and traffic inconveniences to a minimum, as specified below.

- 1. During the construction of this section at least one lane shall remain open to traffic at all times. No lane closures will be allowed without flagger protection.
- 2. The Contractor shall provide, erect, and maintain all the necessary barricades, cones, drums, and lights for the warning and protection of traffic, as required by Sections 107 and 701 through 703 of the Standard Specifications, and as modified.

FAS Route 735 (Shipman Blacktop) Section 7RS-5 Macoupin County

- 3. The Contractor shall furnish and erect "Road Construction Ahead" signs (W20-1(0)-48) at both ends of the project and all side roads within the limits of this section when working in the vicinity of the side road intersection.
- 4. All post mounted signs shall use 4 x 4 wood posts according to Article 1093.01(b) of the Standard Specifications and shall be properly braced to the satisfaction of the Engineer. The use of metal posts will not be permitted.

#### **BITUMINOUS MIXTURE COMPLETE**

This work shall consist of constructing two lifts of a mixture of aggregates and bituminous material according to Section 405 of the Standard Specifications except as modified herein.

The first lift shall be placed at a cross slope of 3/16" per foot from 3/4" depth at centerline to the edge of pavement. The second lift will be constructed to a uniform thickness of 1 ½".

The bituminous material for the bituminous surface plant mix shall be PG 58-22.

The final mixture gradation for the first lift shall meet either the CA 10 or CA 12 gradation band as specified in Article 405.09. The final mixture gradation for the second lift shall meet either the CA 6, CA 10, or CA 12 gradation band as specified in Article 405.09. Aggregates used shall be a blend of two or more fine and coarse aggregates blended together by the use of a cold aggregate feeder system for each required aggregate.

A rubber-tired roller will be required to be used on the first lift of mix placed.

This work will be paid for at the contract unit price per ton for BITUMINOUS MIXTURE COMPLETE.

#### INCIDENTAL BITUMINOUS SURFACING

This work shall be done according to Section 408 of the Standard Specifications except as modified herein.

The bituminous mixture for the incidental bituminous surface shall be Bituminous Mixture Complete as used on the mainline paving.

#### STATUS OF UTILITIES TO BE ADJUSTED

Effective: February 1, 1996

The following utilities are involved in this project. The utility companies have provided the estimated dates.

Name & Address of Estimated Date of Utility Location Relocation Completed

None Anticipated

FAS Route 735 (Shipman Blacktop) Section 7RS-5 Macoupin County

The above represents the best information of the Department and is only included for the convenience of the bidder. The applicable provisions of Article 102.05, 105.07, and 107.20 of the Standard Specifications for Road and Bridge Construction shall apply.

If any utility adjustment or removal has not been completed when required by the Contractor's operations, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operations were affected.

### **ERRATA for the 2002 Standard Specifications (BDE)**

Effective: January 1, 2002						
Page vi	Change "SECTION 501. BITUMINOUS TREATED EARTH SURFACE" to "SECTION 501. REMOVAL OF EXISTING STRUCTURES".					
Page x	Add the heading "LIGHTING" prior to the heading "WIRE AND CABLE".					
Page xi	Change "SECTION 830. METAL POLES" to "SECTION 830. LIGHT POLES".					
	Add the heading "TRAFFIC SIGNALS" prior to the heading "SIGNAL MAINTENANCE".					
Page 34	Article 107.22(b). In the fifth line of the first paragraph change "Illinois Department of Conservation" to "Illinois Department of Natural Resources".					
Page 35	Article 107.22(c). In the seventh line of the first paragraph change "Illinois Department of Conservation" to "Illinois Department of Natural Resources".					
	Article 107.22(c)(2). In the first line of the second paragraph change "Department of Conservation" to "Department of Natural Resources".					
Page 46	Article 108.04. In the fourth line of the first paragraph change "40 days" to "ten days".					
Page 140	Article 301.05. In the second line of the first paragraph change "Type 8" to "Type B".					
Page 144	Article 302.08. In the first sentence of the second paragraph change "not than" to "not less than".					
Page 185	Article 353.07. Change "420.10(g)" to "420.10(f)".					
Page 246	Article 406.23. In the fifth and sixteenth lines of the fifth paragraph change "1102.01(a)(13)" to "1102.01(a)(9)".					
Page 257	Article 420.02. Delete "(g) Preformed Elastomeric Compression Joint Seals for Concrete1053.01".					
Page 380	Article 504.06(c)(6). In the second and sixth lines of the fifth paragraph change "4 $^{\circ}$ C (40 $^{\circ}$ F)" to "22 $^{\circ}$ C (40 $^{\circ}$ F)".					
Page 425	Article 506.04(d). In the first line of the first paragraph change "wither" to "either".					
Page 635	Article 701.03. Revise the first paragraph to read: " <b>Equipment.</b> Equipment shall be according to the following articles of Section 1100 – Equipment:".					
Page 650	Article 701.06(g). Delete the second paragraph.					

- Page 652 Article 701.08(a). In the seventh line of the first paragraph change "401411" to "701411".
- Page 661 Article 703.04. In the eighth line of the first paragraph change "four degrees" to " 45 degrees".
- Page 728 Article 816.03(a). Revise the first sentence of the first paragraph to read, "The unit duct shall be installed according to the NEC, directly from the reels on which the unit duct was shipped, in continuous spans from terminal to terminal without splicing the duct or cables."
- Page 730 Article 817.03. Revise the third sentence of the sixth paragraph to read, "The cable shall be installed in continuous spans between terminal points and splicing will only be permitted in pole handholes or junction boxes on bridge structures above grade."
- Page 734 Article 821.07. Revise the third paragraph to read, "The mounting shall provide the correct position of the luminaire as recommended by the manufacturer and shall be able to withstand assigned loading according to AASHTO. The sign lighting installation shall include all aluminum conduit, fittings, attachment hardware, cable and a disconnect switch with a lockable exterior handle mounted within reach from the walkway".
- Page 738 Change "SECTION 830. METAL POLES" to "SECTION 830. LIGHT POLES".
- Page 745 Article 837.03(b). In the fourth line of the first paragraph change "503.07(a)" to "503.07".
- Page 799 Article 1004.01(c). In notes 4/, 5/, and 6/, replace the four occurrences of " " with "±".
- Page 822 Article 1006.27(b). In the first line of the second paragraph change "ASTM F 669" to "ASTM F 1043".
- Page 847 Article 1009.05. Delete the last sentence of the first paragraph.
- Page 865 Article 1020.04. In the Class SI Concrete section of Table 1 add "Pile Encasement...512".
- Page 934 Article 1067.01(a)(5)b. Revise the fifth sentence of the third paragraph to read, "Proper ignition shall be provided over a range of -15 percent to +5 percent of rated voltage."
- Page 945 Article 1067.07(f)(2)e. In the fourth line of the first paragraph change "3,300 volts" to "600 V".
- Page 972 Article 1069.01(e)(4). Revise the second sentence of the first paragraph to read, "Poles shall have a single piece shaft with a 250 mm (10 in.) minimum outside bottom diameter at groundline, tapering to a 130 mm (5 in.) minimum outside top diameter."

FAS Route 735 (Shipman Blacktop) Section 7RS-5 Macoupin County

Page 988 Article 1070.01. In the chart after the first paragraph, change the references for both Helix Screw and Pilot Point from "ASTM A635" and "ASTM A575", respectively, to "AASHTO M 270M, Grade 250 (M270, Grade 36)".

Article 1070.02. Delete the second sentence of the first paragraph

Article 1070.02. Revise the first sentence of the second paragraph to read, "Nuts, washers and the entire length of the anchor rods shall be galvanized according to Article 1006.09."

Page 1020 Article 1079.02. Change second subparagraph "(b)"to "(c)".

Page 1048 Article 1086.01(a)(7). Add the following to the end of the first paragraph, "Where installed in a heavy salt spray environment, the enclosure shall be stainless steel."

80060

#### **GRADATION FOR FINE AND COARSE AGGREGATES**

Effective: April 1, 2001 Revised: January 1, 2002

Add the following note to the tables titled "Fine Aggregate Gradations" in Article 1003.01(c) of the Standard Specifications:

"6/ Any aggregate produced under the Department's current Policy Memorandum, 'Aggregate Gradation Control System (AGCS)', shall meet the gradation requirements set under the AGCS program."

Add the following note to the tables titled "Coarse Aggregate Gradations" in Article 1004.01(c) of the Standard Specifications:

"9/ Any aggregate produced under the Department's current Policy Memorandum, 'Aggregate Gradation Control System (AGCS)', shall meet the gradation requirements set under the AGCS program."

80047

#### **ILLINOIS FIRST SIGNS (BDE)**

Effective: October 1, 1999

This work shall consist of erecting two 1500 mm x 1200 mm (60 inch x 48 inch) "ANOTHER PROJECT FUNDED BY ILLINOIS FIRST" signs. The signs, which will be provided by the Department shall be erected by the Contractor on two 50 mm x 50mm (2 inch x 2 inch) metal posts furnished by the Contractor. These signs shall be erected according to all applicable portions of Article 702.05(a) and Standard 702001. These signs shall be erected midway between the first and second warning signs as required by the traffic control plan and standards utilized for this project. If the second warning sign is defining a moving or intermittent operation, the Illinois First sign may be maintained at a distance of 150 m (500 ft.) beyond the first post mounted ROAD CONSTRUCTION AHEAD sign. The Illinois First signs shall remain in place for the duration of the project. Upon completion of the project, the signs shall be removed and returned to the department. The posts shall remain the property of the Contractor.

This work will be paid for at the contract unit price each for ILLINOIS FIRST SIGNS.

80014

#### **Material Allowances**

Effective: December 1, 2001

Revise the sixth paragraph of Article 109.07 of the Standard Specifications to read:

"In addition, payment may be made for materials prior to their use in the work. These material allowances may be paid at the discretion of the Department when satisfactory evidence is presented by the Contractor. Satisfactory evidence includes justification for the allowance (to expedite the work, meet project schedules, regional or national material shortages, etc.), documentation of material and transportation costs and evidence that such material is properly stored on the project or at a secure location acceptable and accessible to the Department. Material allowances will be considered only for nonperishable materials when the cost, including transportation, exceeds \$10,000 and such materials are not expected to be utilized within 60 days of the request for the allowance. For contracts valued under \$500,000, the minimum \$10.000 requirement may be met by combining the principal (material) product of no more than two contract items. An exception to this two item limitation may be considered for any contract regardless of value for items in which material (products) are similar except for type and/or size. Material allowances shall not exceed the value of the contract items in which used and shall not include the cost of installation or related markups. Amounts paid by the Department for material allowances will be deducted from estimates due the Contractor as the material is used. Twosided copies of the Contractor's cancelled checks for materials and transportation must be furnished to the Department within 60 days of payment of the allowances or the amounts will be reclaimed by the Department."

#### **Mobilization (BDE)**

Effective: January 1, 1999 Revised: November 1, 2000

This work shall consist of preparatory work and operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site for the establishment of offices, buildings and other facilities necessary for work on the projects and for all other work or operations which must be performed or costs incurred when beginning work on the project.

The amount which a Contractor will receive payment for, in accordance with the following schedule will be limited to six percent of the total contract bid. Should the bid for the item exceed six percent, the amount over six percent will not be paid until ninety percent of the adjusted contract value is earned.

**Basis of Payment**. Partial payment of the lump sum amount bid for Mobilization, not exceeding six percent, will be paid according to with the following schedule:

- (a) Upon execution of the contract, seventy-five percent of the pay item will be paid.
- (b) When ten percent of the original contract amount is earned, an additional fifteen percent of the pay item will be paid.
- (c) When ninety percent of the contract value is earned, the remaining ten percent of the pay item will be paid along with any amount bid in excess of the six percent limit.

Nothing herein shall be construed to limit or preclude partial payment for other items as provided for by the contract.

53312

#### Payments to Subcontractors (BDE)

Effective: June 1, 2000

Federal regulations found at 49 CFR §26.29 mandate the Department to establish a contract clause to require contractors to pay subcontractors for satisfactory performance of their subcontracts within a specific number of days after receipt of each payment made to the contractor, and to require the prompt return of retainage withheld from subcontractors.

State law addresses the timing of payments to be made to subcontractors. Section 7 of the Prompt Payment Act, 30 ILCS 540/7, generally requires that when a contractor receives any payment from the Department, the contractor is required to make corresponding, proportional payments to each subcontractor performing work within 15 calendar days after receipt of the state payment. Section 7 of the State Prompt Payment Act further provides that interest in the amount of 2% per month, in addition to the payment due, shall be paid to any subcontractor by the Contractor if the payment required by the Act is withheld or delayed without reasonable cause. The Act also provides that the time for payment required and the calculation of any interest due applies to transactions between subcontractors and lower-tier subcontractors throughout the contracting chain.

This Special Provision establishes the required federal contract clause, and adopts the 15 calendar day requirement of the Act for purposes of compliance with the federal regulation regarding payments to subcontractors. This contract is subject to the following payment obligations.

As partial payments are made to the Contractor in accordance with Article 109.07 of the Standard Specifications for Road and Bridge Construction, the Contractor shall make a corresponding partial payment within 15 calendar days to each subcontractor in proportion to the work satisfactorily completed by each subcontractor. The proportionate amount of partial payment due to each subcontractor shall be determined by the quantities measured or otherwise determined as eligible for payment by the Department and included in the partial payment to the Contractor. Subcontractors shall be paid in full, including the return of any retainage previously withheld, within 15 calendar days after the subcontractor's work has been satisfactorily completed.

This Special Provision does not create any rights in favor of any subcontractor against the State of Illinois or authorize any cause of action against the State of Illinois on account of any payment, nonpayment, delayed payment or interest claimed by application of the State Prompt Payment Act. The Department will neither determine the reasonableness of any cause for delay of payment nor enforce any claim to payment, including interest. Moreover, the Department will not approve any delay or postponement of the 15 day requirement. State law creates remedies available to any subcontractor or material supplier, regardless of tier, who has not been paid for work properly performed or material furnished. These remedies are a lien against public funds set forth in Section 23(c) of the Mechanics Lien Act, 770 ILCS 60/23(c), and a recovery on the Contractor's payment bond in accordance with the Public Construction Bond Act, 30 ILCS 550.

#### QUALITY CONTROL/QUALITY ASSURANCE OF BITUMINOUS CONCRETE MIXTURES

Effective: January 1, 2000 Revised: January 1, 2002

<u>Description.</u> This special provision establishes and describes the quality control responsibilities of the Contractor in producing and constructing bituminous concrete mixtures and defines the quality assurance and acceptance responsibilities of the Engineer for Quality Management Projects.

The Contractor, by application for and receipt of prequalification, by submission of a bid, and, if awarded the contract, by execution of the Contract containing this special provision, certifies that he/she: fully and thoroughly understands all aspects and requirements of this special provision; possesses the latest edition of and thoroughly understands all aspects and requirements of the procedures, manuals, and documents referred to and incorporated by reference in this special provision; and waives and releases any and all claims of misunderstanding or lack of knowledge of the same. Furthermore, the Contractor understands and agrees that compliance with the requirements of this special provision and of the Annual Quality Control Plan and job-specific Quality Control Addenda approved by the Engineer is an essential element of the Contract. Failure to comply with these requirements can result in one or more of the following: a major breach of this contract and default thereof, a loss of prequalification, and a suspension of the Contractor from bidding.

Bituminous concrete mixtures shall be produced and constructed according to the appropriate Section of the Standard Specifications and the following.

The following is a listing of bituminous concrete quality control/quality assurance documents:

- (a) Model Annual Quality Control (QC) Plan for Hot-Mix Asphalt (HMA) Production
- (b) Model Quality Control (QC) Addenda for Hot-Mix Asphalt (HMA) Production
- (c) Bituminous Concrete QC/QA Laboratory Equipment
- (d) Illinois Modified ASTM D 2950, Standard Test Method for Determination of Density of Bituminous Concrete In-Place by Nuclear Method
- (e) Standard Test Method for Correlating Nuclear Gauge Densities with Core Densities
- (f) Bituminous Concrete QC/QA Start-Up Procedures
- (g) Bituminous Concrete QC/QA QC Personnel Responsibilities and Duties Checklist
- (h) Bituminous Concrete QC/QA Initial Daily Plant and Random Samples
- (I) Determination of Random Density Test Site Locations
- (i) Bituminous Concrete QC/QA Control Charts/Rounding Test Values
- (k) Bituminous Mixture Design Verification Procedure
- (I) Development of Gradation Bands on Incoming Aggregate at Mix Plants
- (m) Procedure for Asphalt Content of Bituminous Concrete Mixtures by the Nuclear Method (Modified AASHTO T 287-90)

#### Materials.

- (a) Class I Bituminous Concrete Mixtures. All aggregates shall be produced according to the Department's "Aggregate Gradation Control System". Gradations other than those specified in Sections 1003 and 1004 of the Standard Specifications produced according to the Department's "Aggregate Gradation Control System" may be used for Class I Types 1, 2, and 3 mixtures.
- (b) Non-Class I Bituminous Concrete Mixtures. Materials shall be according to the Standard Specifications for each mixture listed:

Mix Type	Article
Shoulder	482.02
Class B (Plant Mix)	405.02
Base Course	355.02
Base Course Widening	356.02
Bituminous Aggregate Mixture	312.03

If the Contractor receives approval to use a Class I mixture where not required by the contract, either Quality Control program may be used at the Contractor's option.

<u>Equipment.</u> The Contractor may utilize innovative equipment or techniques according to Section 1100 of the Standard Specifications.

(a) Laboratory. The Contractor shall provide a laboratory, at the plant, approved annually by the Engineer. Any other laboratory location will require approval by the Engineer. The laboratory shall be of sufficient size and be furnished with the necessary equipment and supplies for adequately and safely performing the Contractor's quality control testing. The Contractor is referred to the Department's "Model Annual Quality Control Plan for Hot-Mix Asphalt (HMA) Production" for detailed information on the required laboratories. The required laboratory equipment for production and mix design is listed in the Department's "Bituminous Concrete QC/QA Laboratory Equipment."

The laboratory and equipment furnished by the Contractor shall be properly maintained. The Contractor shall maintain a record of calibration results at the laboratory. The Engineer may inspect measuring and testing devices at any time to confirm both calibration and condition. If the Engineer determines the equipment is not within the limits of dimensions or calibration described in the appropriate test method, the Engineer may stop production until corrective action is taken. If laboratory equipment becomes inoperable, the Contractor shall cease mix production.

(b) Plant Requirements. The Contractor shall provide documentation that the bituminous plants have been calibrated and approved. The Engineer or his/her representative will witness the calibration. This information shall be documented on the appropriate forms and be submitted to the Engineer before any bituminous mix production begins.

<u>Quality Control Plan and Addenda.</u> The approved Annual QC Plan and QC Addenda shall become part of the contract between the Department and the Contractor but shall not be construed, in itself, as acceptance of any bituminous mixture produced. Failure to execute the contract according to the approved Annual QC Plan and QC Addenda will result in suspension of bituminous mix production or other appropriate actions as directed by the Engineer.

The Contractor shall submit in writing to the Engineer a proposed Annual Quality Control (QC) Plan for each bituminous concrete plant for approval before each construction season. Job-specific QC Addenda to the Annual QC Plan must be submitted in writing to the Engineer for approval before the pre-construction conference. The Annual QC Plan and the QC Addenda shall address all elements involved in the production and quality control of the bituminous mixtures incorporated in the project. The proposed QC Plan shall be the Department's "Model Annual Quality Control Plan for Hot-Mix Asphalt (HMA) Production", and the QC Addenda shall be the Department's "Model Quality Control Addendum for Hot-Mix Asphalt (HMA) Production".

The Contractor may propose revisions to portions of the Department's Annual QC Plan and QC Addenda. Revisions require proper justification be provided to the Department by the Contractor to ensure product quality. Any revision in the Annual QC Plan or QC Addenda must be approved in writing by the Engineer.

Construction of bituminous items subject to the Contractor's quality control shall not begin without approval of the Annual QC Plan and QC Addenda by the Engineer.

The Contractor will be notified in writing upon approval of the Annual QC Plan and QC Addenda by the Engineer.

The Annual QC Plan and QC Addenda may be amended during the progress of the work, by either party, subject to mutual agreement. Revisions require proper justification be provided to the Department to ensure product quality. The Contractor will be notified in writing by the Engineer upon approval of any amendments to the Annual QC Plan and/or QC Addenda.

Mix Design Requirements. The Contractor shall provide mix designs for each type of required mixture. The mixture design shall be performed and documented according to the Department's current Bituminous Concrete Level III Technician Course manual entitled "Bituminous Mixture Design Procedure". Each specific mixture design shall be submitted to and verified by the Department as detailed in the Department's current "Bituminous Mixture Design Verification Procedure."

(a) Class I Bituminous Concrete Mixtures. The mixture shall be designed according to the criteria stated in Article 406.13 of the Standard Specifications and the contract.

(b) Non-Class I Bituminous Concrete Mixtures. The 50-blow Marshall mixture design criteria listed below shall apply.

Mix Type	Minimum Stability kN (lb)	Maximum Flow 0.25 mm (0.01 in.)	Air Voids (%)
Shoulder	6.6 (1500)	19	2 ± 1
Class B (Plant Mix)	6.6 (1500)	19	3 ± 1
Base Course	6.6 (1500)	19	3 ± 1
Base Course Widening	6.6 (1500)	19	3 ± 1
Bituminous Aggregate Mixture	6.6 (1500)	19	3 ± 1

Specific mixture designs may be assigned to more than one project or plant and may be used from one construction season to the next provided the designs are resubmitted for verification according to the Department's "Bituminous Mixture Design Verification Procedure". In no case shall aggregates from a different source be substituted in a specific mixture design without complete redesign of the mixture.

The mix design shall be developed, performed, and tested by qualified personnel in a mix design laboratory approved by the Department, using the Department's current Level III procedure. For personnel requirements, see the section in this provision entitled, "Quality Control by Contractor".

<u>Start Of Mix Production And Job Mix Formula (JMF) Adjustments.</u> The job mix formula (mix design) represents the aggregate grading and asphalt content that produce the desired mix criteria in the laboratory.

(a) Class I Bituminous Concrete Mixtures. During the mixture start-up the Contractor shall follow the Department's "Bituminous Concrete QC/QA Start-Up Procedures". Article 406.15(b) of the Standard Specifications shall not apply.

At the start of mix production, QC/QA mixture start-up will be required for the following situations: at the beginning of production of a new mixture design, at the beginning of each production season, and at every plant utilized to produce mixtures, regardless of the mix.

Before start-up, target values shall be determined by applying gradation correction factors to the JMF when applicable. These correction factors shall be determined from previous experience. The target values, when approved by the Engineer, shall be used to control mix production. Plant settings and control charts shall be set according to target values.

In the field, slight adjustments to the JMF or minor changes in cold-feed/hot-bin blends may be necessary to obtain the desired air voids, density, uniformity, and constructibility. After any JMF adjustment, the JMF shall become the adjusted job mix formula (AJMF). Upon completion of the first acceptable test strip, the JMF shall become the AJMF regardless of whether or not the JMF has been adjusted. If an adjustment/plant change is made, the Engineer may require a new test strip to be constructed. If the bituminous mixture placed during the initial test strip is determined to be unacceptable to remain in place by the Engineer, it shall be removed and replaced.

Any adjustments outside the above limitations will require a new mix design. The limitations between the JMF and AJMF are as follows:

Parameter	Adjustment
12.5 mm (1/2 in.)	± 5.0%
4.75 mm (No. 4)	± 4.0%
2.36 mm (No. 8)	± 3.0%
600 μm (No. 30)	*
75 μm (No. 200)	*
Asphalt Content	± 0.3%

<sup>\*</sup>In no case shall the target for the amount passing be greater than the JMF.

After an acceptable test strip, including required plant tests, production of mix shall be restarted the same day, and an acceptable rolling pattern shall be established in the first 180 metric tons (200 tons) of mix produced. Paving may continue for the remainder of the day. After an acceptable rolling pattern has been established, it shall not be changed unless approved by the Engineer.

If a mixture start-up is not required, an acceptable rolling pattern shall be developed during the first 275 metric tons (300 tons) of each mixture produced.

A nuclear/core correlation, if required by the Engineer, shall follow the Department's "Standard Test Method for Correlating Nuclear Gauge Densities with Core Densities" and shall be performed by the Contractor during the first production day.

Regardless which QC procedures are used during start of mix production, the next day's production shall not resume until all test results, including an acceptable nuclear/core correlation, are available and an AJMF is agreed upon by the Contractor and Engineer.

(b) Non-Class I Bituminous Concrete Mixtures. In the field, slight adjustments to the gradation and/or asphalt content may be necessary to obtain the desired air voids, density, uniformity, and constructibility. These adjustments define the adjusted job mix formula (AJMF) and become the target values for quality control operations. Limitations between the JMF and AJMF are as follows. Any adjustments outside the limitations will require a new mix design.

Parameter	Adjustment
12.5 mm (1/2 in.)	± 6%
4.75 mm (No. 4)	± 5%
75 μm (No. 200)	± 2.5%
Asphalt Content	± 0.5%

Production is not required to stop after a growth curve has been constructed provided the test results are available to both the Contractor and Engineer before the following day's production.

During production the Contractor and Engineer shall continue to evaluate test results and mixture laydown and compaction performance. Adjustments within the above requirements may be necessary to obtain the desired mixture properties. If an adjustment/plant change is made, the Engineer may request additional growth curves and supporting plant tests.

<u>Quality Control by Contractor.</u> The Contractor shall perform or have performed the inspection and tests required to assure conformance to contract requirements. Control includes the recognition of obvious defects and their immediate correction. This may require increased testing, communication of test results to the plant or the job site, modification of operations, suspension of bituminous mix production, rejection of material, or other actions as appropriate.

The Engineer shall be immediately notified of any failing tests and subsequent remedial action. Passing tests shall be reported to the Engineer no later than the start of the next work day.

(a) Personnel. The Contractor shall provide a Quality Control (QC) Manager who shall have overall responsibility and authority for quality control. This individual shall have successfully completed the Department's Bituminous Concrete Level II Technician Course, "Bituminous Concrete Proportioning and Mixture Evaluation".

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel who have successfully completed the Department's Bituminous Concrete Level III Course, "Bituminous Mixture Design Procedure". All technicians who shall be performing mix design testing and plant sampling/testing shall have successfully completed the Department's Bituminous Concrete Level I Technician Course, "Bituminous Concrete Testing". The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Bituminous Concrete Level II Technician. The Contractor shall provide a Bituminous Concrete Density Tester who has successfully completed the Department's "Bituminous Concrete Nuclear Density Testing Course" to run all required density tests on the job site.

All quality control personnel shall perform the required quality control duties. The Contractor is referred to the Department's "QC Personnel Responsibilities and Duties Checklist" for a description of personnel qualifications and duties. Testing shall be conducted to control the production of the bituminous mixture.

(b) Plant Tests. The Contractor shall use the test methods identified to perform the following mixture tests at a frequency not less than that indicated:

Parameter	Frequency of Tests Class I Mixtures	Frequency of Tests Non-Class I Mixtures	Test Method
Aggregate Gradation Hot bins for batch and continuous plants. Individual cold- feeds or combined belt-feed for drier- drum plants.  % passing sieves: 12.5 mm (1/2 in.), 4.75 mm (No. 4), 2.36 mm (No. 8), 600 μm (No. 30), 75 μm (No. 200)	1 dry gradation per half day of production. Every third test shall be a washed ignition oven (or extraction) test on the mix, to be plotted on the control charts for the purposes of monitoring dust control.	1 dry gradation per day of production. The first day of production requires the initial test to be washed; every eighth test thereafter shall be washed. % passing sieves: 12.5 mm (1/2 in.), 4.75 mm (No. 4) 75 μm (No. 200)	Illinois Procedure (See Manual of Test Procedures for Materials).
Asphalt Content by Nuclear Gauge (or Ignition Oven if approved by the Engineer)	1 per half day of production	1 per day	Illinois Modified AASHTO T 287 (Illinois Modified AASHTO TP308)
Air Voids Bulk Specific Gravity Maximum Specific Gravity of Mixture	1 per half day of production for first 2 days and 1 per day thereafter (first sample of the day)	1 per day 1 per day	Illinois Modified AASHTO T 166 Illinois Modified
	',	. ,	AASHTO T 209

Article 406.10 of the Standard Specifications shall not apply except the ratio of minus 75 µm (minus No. 200) material to asphalt content during production shall not be less than 0.6 nor more than 1.2.

Contractor testing of all plant test samples shall be complete within 3 1/2 hours of sampling.

The Contractor may apply the following for small tonnage of mixture: Combined belt/hot-bin analysis, voids, and asphalt content tests may not be required on a specific mixture if the day's production is less than 225 metric tons (250 tons) per mix. A minimum of one set of plant tests for each mix shall be performed for each five consecutive production-day period when the accumulated tonnage produced in that period exceeds 450 metric tons (500 tons). A Bituminous Concrete Level II Technician shall oversee all quality control operations. If the required tonnage of any mixture for a single pay item is less than 225 metric tons (250 tons) in total, the Contractor shall state his/her intentions of waiving the "Required Plant Tests" in the QC Addenda. The mixture shall be produced using a mix design that has been verified as specified and validated by the Department's recent acceptable field test data. A Bituminous Concrete Level II Technician shall oversee all quality control operations for the mixture.

1L (1 qt) samples of each asphalt cement (AC) type used shall be taken by the Contractor and will be witnessed by the Engineer. The minimum sampling frequency shall be twice a month. Asphalt cement sample containers will be furnished by the Department. The Engineer will submit the properly identified AC samples to the Bureau of Materials and Physical Research for testing.

For bituminous mixture sampling the Contractor shall obtain required plant samples as directed in the Department's "Bituminous Concrete QC/QA Initial Daily Plant and Random Samples". The Contractor shall split all required samples and identify the split samples per the Engineer's instructions. These split samples shall be retained by the Contractor for assurance testing by the Engineer and be disposed of only with the permission of the Engineer. The split samples shall be stored in a dry, protected location.

The Contractor shall, when necessary, take and test additional samples (designated "check" samples) at the plant during mix production. These samples in no way replace the required plant samples described above. Check samples shall be tested only for the parameters deemed necessary by the Contractor. Check sample test results shall be noted in the Plant Diary and shall not be plotted on the control charts. The Contractor shall detail the situations in which check samples will be taken in his/her Annual QC Plan.

- (c) Required Field Tests. The Contractor shall control the compaction process by testing the mix density at random locations as determined according to the Department's current "Determination of Random Density Test Site Locations" and recording the results on forms approved by the Engineer. The Contractor shall follow the density testing procedures detailed in the Department's "Illinois Modified ASTM D 2950, Standard Test Method for Determination of Density of Bituminous Concrete In-Place by Nuclear Method".
  - (1) Class I Bituminous Concrete Mixtures.

The Contractor shall be responsible for establishing the correlation to convert nuclear density results to core densities according to the Department's "Standard Test Method for Correlating Nuclear Gauge Densities with Core Densities". The Engineer may require a new nuclear/core correlation if the Contractor's gauge is recalibrated during the project.

If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the Department's "Determination of Random Density Test Site Locations". Three cores shall be taken at equal distances across the test site. These cores shall be averaged to provide a single test site result. Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure.

For Class I Types 1, 2 and 3 mixtures, quality control density tests shall be performed at randomly selected locations within 800 m (1/2 mile) intervals and for each lift of 75 mm (3 in.) or less in thickness. For lifts in excess of 75 mm (3 in.) in thickness, a test shall be performed within 400 m (1/4 mile) intervals. Testing of lifts equal to or greater than 150 mm (6 in.) compacted thickness shall be performed in the direct transmission mode according to the Department's "Illinois Modified ASTM D 2950, Standard Test Method for Determination of Density of Bituminous Concrete In-Place by Nuclear Method". Density testing shall be accomplished intermittently throughout the day. In no case shall more than one half day's production be completed without performing density testing.

Density tests shall be performed each day on patches located nearest the randomly selected location. The daily testing frequency shall be a minimum of two density tests per mix. Density testing shall be accomplished intermittently throughout the day. In no case shall more than one half day's production be completed without performing density testing.

#### (2) Non-Class I Bituminous Concrete Mixtures.

The Contractor shall perform a growth curve at the beginning of placement of each type of mix and each lift. The growth curve shall be constructed and evaluated according to the following procedure:

The growth curve for each type of mix and each lift shall be performed within the first 180 metric tons (200 tons). If an adjustment is made to the specific mix design, the Engineer reserves the right to request an additional growth curve and supporting tests at the Contractor's expense.

Compaction of the growth curve shall commence immediately after the course is placed and at a temperature of not less than 140 °C (280 °F). The growth curve, consisting of a plot of kg/cu m (lb/cu ft) vs. number of passes with the project breakdown roller, shall be developed. This curve shall be established by use of a nuclear gauge. Tests shall be taken after each pass until the highest kg/cu m (lb/cu ft) is obtained. This value shall be the target density provided the Marshall air voids are within acceptable limits. If Marshall air voids are not within the specified limits, corrective action shall be taken, and a new target density shall be established.

A new growth curve is required if the breakdown roller used on the growth curve is replaced with a new roller during production.

The target density shall apply only to the specific gauge used. If additional gauges are to be used to determine density specification compliance, the Contractor shall establish a unique minimum allowable target density from the growth curve location for each gauge. The Department will establish a target density for its Quality Assurance nuclear gauge from the growth curve location.

All lifts shall be compacted to an average density of not less than 95 percent nor greater than 102 percent of the target density obtained on the growth curve. The average density shall be based on tests representing one day's production.

Quality Control density tests shall be performed at randomly selected locations within 800 m (1/2 mile) intervals per lift per lane. In no case shall more than one half day's production be completed without density testing being performed.

If the Contractor is not controlling the compaction process and is making no effort to take corrective action, the operation shall stop as directed by the Engineer.

(d) Control Limits. Target values shall be determined by applying adjustment factors to the AJMF where applicable. The target values shall be plotted on the control charts within the following control limits:

	Control Lir	nits	
Parameter	Class I	Class I	Non-Class I
	Individual	Moving Avg. of	Individual
	Test	4	Test
% Passing:			
12.5 mm (1/2 in.)	± 6%	± 4%	± 15%
4.75 mm (No. 4)	± 5%	± 4%	± 10%
2.36 mm (No. 8)	± 5%	± 3%	
600 μm (No. 30)	± 4%	± 2.5%	
75 μm (No. 200)	± 1.5%	± 1.0%	± 2.5%
Total Dust Content 75 μm (No. 200) <sup>1</sup>	± 1.5%	± 1.0%	± 2.5%
Asphalt Content	± 0.3%	± 0.2%	± 0.5
Voids:			
Class I Type 1	± 1.2%	± 1.0%	
Class I Type 2	± 1.2%	± 1.0%	
Class I Type 3	± 1.2%	± 1.0%	
Non-Class I - Shoulders			2% ± 1%
Non-Class I - Others			3% ± 1%
Density:			
Class I Type 1	92.0 - 96.0%		
Class I Type 2	93 - 97%		
Class I Type 3	93 - 97%		
Non-Class I			Average
			95-102%
			Target

Note 1. Based on washed ignition oven

(e) Control Charts. Standardized control charts shall be maintained by the Contractor at the field laboratory. The control charts shall be displayed and be accessible at the field laboratory at all times for review by the Engineer.

Individual required test results obtained by the Contractor shall be recorded on the control chart immediately upon completion of a test, but no later than 24 hours after sampling. Only the required plant tests and resamples shall be recorded on the control chart. Any additional testing of check samples may be used for controlling the Contractor's processes, but shall be documented in the plant diary.

The results of assurance tests performed by the Engineer will be posted as soon as available.

The following parameters shall be recorded on standardized control charts as described in the Department's "Bituminous Concrete QC/QA Control Charts/Rounding Test Values".

Control limits for each required parameter, both individual tests and the average of four tests, shall be exhibited on control charts. Test results shall be posted within the time limits previously outlined.

CONTROL CHART REQUIREMENTS	CLASS I MIXES	NON-CLASS I MIXES
Combined Gradation of Hot-Bin or Belt Aggregate Samples	% Passing Sieves: 12.5 mm (1/2 in.) 4.75 mm (No. 4) 2.36 mm (No. 8) 600 μm (No. 30) 75 μm (No. 200)	% Passing Sieves: 12.5 mm (1/2 in.) 4.75 mm (No. 4) 75 μm (No. 200)
Total Dust Content of Washed Ignition Oven Or Extraction <sup>1</sup>	75 μm (No. 200)	75 μm (No. 200)
	Asphalt Content	Asphalt Content
	Bulk Specific Gravity	Bulk Specific Gravity
	Maximum Specific Gravity of Mixture	Maximum Specific Gravity of Mixture
	Voids	Voids
	Density	Density

Note 1. Based on washed ignition oven

#### (f) Corrective Action for Required Plant Tests

(1) Individual Test Results. When an individual test result exceeds its control limit, the Contractor shall immediately resample and retest. If at the end of the day no material remains from which to resample, the first sample taken the following day shall serve as the resample as well as the first sample of the day. This result shall be recorded as a retest. If the retest passes, the Contractor may continue the required plant test frequency. Additional check samples should be taken to verify mix compliance.

- a. Voids and Asphalt Content.
  - Class I Bituminous Concrete Mixtures. If the retest for voids or asphalt
    content exceeds control limits, mix production shall cease and immediate
    corrective action shall be instituted by the Contractor. After corrective action,
    mix production shall be restarted, the mix production shall be stabilized, and
    the Contractor shall immediately resample and retest. Mix production may
    continue when approved by the Engineer. The corrective action shall be
    documented.
    - Inability to control mix production is cause for the Engineer to stop the operation until the Contractor completes an investigation identifying the problems causing failing test results.
  - 2. Non-Class I Bituminous Concrete Mixtures. If the retest for voids or asphalt content exceeds control limits, immediate corrective action shall be instituted by the Contractor. After corrective action, the Contractor shall immediately resample and retest. The corrective action shall be documented.
    - If corrective action has been initiated and the second resample fails, the Contractor shall cease operations. Failure to cease production shall subject all subsequently produced materials to be considered unacceptable.
    - Inability to control mix production is cause for the Engineer to stop the operation until the Contractor completes an investigation identifying the problems causing failing test results.
- b. Combined Aggregate/Hot-Bin. For combined aggregate/hot-bin retest failures, immediate corrective action shall be instituted by the Contractor. After corrective action, the Contractor shall immediately resample and retest. The corrective action shall be documented.
- (2) Moving Average. When the moving average values trend toward the moving average control limits, the Contractor shall take corrective action and increase the sampling and testing frequency. The corrective action shall be documented.
  - The Contractor shall notify the Engineer whenever the moving average values exceed the moving average control limits. If two consecutive moving average values fall outside the moving average control limits, the Contractor shall cease operations. Corrective action shall be immediately instituted by the Contractor. Operations shall not be reinstated without the approval of the Engineer. Failure to cease operations shall subject all subsequently produced material to be considered unacceptable.
- (3) Dust Control. If the washed ignition oven (for extraction) test results indicate a problem with controlling dust, corrective action to control the dust shall be taken and approved by the Engineer. If the Engineer determines that Positive Dust Control Equipment is necessary, as outlined in the Bureau of Materials and Physical Research Policy Memorandum, "Approval of Hot Mix Bituminous Plants and Equipment", the equipment shall be installed prior to the next construction season.

- (4) Mix Production Control. If the Contractor is not controlling the production process and is making no effort to take corrective action, the operation shall stop.
- (g) Corrective Action for Required Field Tests (Density). When an individual density test exceeds the control limits, the Contractor shall immediately retest in a location that is halfway between the failed test site and the finish roller. If the retest passes, the Contractor shall continue the normal density test frequency. An additional density check test should be performed to verify the mix compaction.

If the retest fails, the Contractor shall immediately conduct one of the following procedures:

- (1) Low Density. If the failing density retest indicates low densities, the Contractor shall immediately increase the compaction effort, review all mixture test results representing the mix being produced, and make corrective action as needed. The Contractor shall immediately perform a second density retest within the area representing the increased compaction effort and mixture adjustments.
- (2) High Density. If the failing density retest indicates high densities, the Contractor shall cease production and placement until all mixture test results are reviewed and corrective action is taken. If the high density failure is a result of a change in the mixture, any existing material in the surge bin may be subject to rejection by the Engineer. After restart of mix production, a second density retest shall then be performed in the area representing the mixture adjustments.

If the second retest from either procedure passes, production and placement of the mix may continue. The increased compaction effort for low density failures shall not be reduced to that originally being used unless it is determined by investigation that the cause of the low density was unrelated to compaction effort, the cause was corrected, and tests show the corrective action has increased the density within the required limits.

If the second retest fails, production and placement of the mix shall cease until the Contractor has completed an investigation and the problem(s) causing the failing densities has/have been determined. If the Contractor's corrective action is approved by the Engineer, production and placement of the mix may then be resumed. The Contractor shall increase the frequency of density testing to show, to the satisfaction of the Engineer, that the corrective action taken has corrected the density problem.

If the Contractor is not controlling the compaction process and is making no effort to take corrective action, the operation, as directed by the Engineer, shall stop.

Quality Assurance By The Engineer. The Engineer will conduct independent assurance tests on split samples taken by the Contractor for quality control testing. In addition, the Engineer will witness the sampling and splitting of these samples a minimum of twice a month and will immediately retain the samples for quality assurance testing.

The overall testing frequency will be performed over the entire range of Contractor samples and will be equal to or greater than 10 percent for gradations and equal to or greater than 20 percent for asphalt content, bulk specific gravity, maximum specific gravity and field density. The Engineer may select any or all split samples for assurance testing. The Engineer will initiate independent assurance testing during mixture field verification. These tests may be performed immediately or anytime up to ten working days after sampling. The test results will be made available to the Contractor as soon as they become available.

The Contractor's nuclear/core correlation will be verified utilizing Department nuclear gauges.

The Engineer may witness the sampling and testing being performed by the Contractor. The Engineer will document all witnessed samples and tests.

The Engineer will promptly notify the Contractor, both verbally and in writing, of observed deficiencies. If the Engineer observes that the sampling and quality control tests are not being performed according to the applicable test procedures, the Engineer may stop production until corrective action is taken.

The Engineer may elect to obtain samples for testing, separate from the Contractor's quality control process, to verify specification compliance.

Differences between the Contractor's and the Engineer's split sample test results will be considered acceptable if within the following limits:

	Acceptable Limits of Precision			
Test Parameter	Class I	Non-Class I		
% Passing:				
12.5 mm (1/2 in.)	5.0%	5.0%		
4.75 mm (No. 4)	5.0%	5.0%		
2.36 mm (No. 8)	3.0%			
600 μm (No. 30)	2.0%			
75 μm (No. 200)	2.2%	2.2%		
Total Dust Content 75 μm	2.2%	2.2%		
(No. 200) <sup>1</sup>				
Asphalt Content	0.3%	0.3%		
Maximum Specific Gravity of	0.026	0.026		
Mixture				
Dulle Connection Converted	0.045	0.045		
Bulk Specific Gravity	0.045	0.045		
Danaity (Danaant Canana atian)	4.00/ (Completed)	4.50/*		
Density (Percent Compaction)	1.0% (Correlated)	1.5%*		

Note 1. Based on washed ignition oven

\*Applies to the final percentage difference between the gauges when compared against the individual target density of each gauge.

The Department may run extractions for assurance, when deemed necessary by the Engineer.

In the event comparison of the required plant test results is outside the above acceptable limits of precision, Department split or independent samples fail the control limits, a Department extraction indicates non-specification mix, or a continual trend of difference between Contractor and Department test results is identified, the Engineer will immediately investigate. The Engineer may suspend production as stated in Article 108.07 of the Standard Specifications, while the investigation is in progress. The investigation may include testing by the Engineer of any remaining split samples or a comparison of split sample test results on the mix currently being produced. The investigation may also include review and observation of the Contractor's technician performance, testing procedure, and equipment.

If a problem is identified with the mix, the Contractor shall take immediate corrective action. After corrective action, both the Contractor and the Engineer shall immediately resample and retest following the procedures in Subsection "Corrective Action for Required Plant Tests", of the section in this provision entitled "Quality Control by Contractor".

In the event comparison of the required field test results (densities) are outside the above acceptable limits of precision, Department split or independent samples fail the density limits, or a continual trend of difference between Contractor and Department test results is identified, the Engineer will immediately investigate. The investigation will include testing by the Engineer of any remaining random density locations. The Engineer may establish additional locations for testing by both the Contractor and the Department to provide further comparison results. The investigation shall also include review and observation of the Density Tester performance, testing procedure, and equipment. The original correlation and/or comparison data, for both gauges, shall be reviewed as part of the investigation process. If the problem continues, the Engineer may require a new correlation be performed.

Acceptance By The Engineer. Final acceptance will be based on the following:

- (a) Validation of the Contractor's quality control by the assurance process.
- (b) The Contractor's process control charts and actions.
- (c) Department assurance tests for voids and density.

If any of the above are not met, the work will be considered in non-conformance with the contract.

<u>Documentation.</u> The Contractor shall be responsible for documenting all observations, records of inspection, adjustments to the mixture, test results, retest results, and corrective actions in a bound hardback field book or bound hardback diary which will become the property of the Department.

The Contractor shall be responsible for the maintenance of all permanent records whether obtained by the Contractor, the Contractor's consultants, or the producer of bituminous mix material.

The Contractor shall provide the Engineer full access to all documentation throughout the progress of the work.

Adjustments to mixture production and test results shall be recorded in duplicate and sent to the Engineer on forms approved by the Engineer.

<u>Basis of Payment</u>. Quality Control/Quality Assurance of bituminous concrete mixtures will not be paid for separately, but shall be considered as included in the cost of the various bituminous contract items.

Test Strips will be paid according to the following:

- a) If the bituminous mixture placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was not produced within the tolerances of the JMF, the initial mixture and test strip will not be paid for and shall be removed at the contractor's expense. An additional test strip will be paid for in full, if produced within the JMF tolerances.
- b) If the bituminous mixture placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was produced within the tolerances of the JMF, the mixture shall be removed. Removal will be paid for according to Article 109.04 of the Standard Specifications. This initial mixture and test strip will be paid for at the contract unit prices. The additional mixture shall be replaced at the contract unit price, and any additional test strips will be paid for at one half the unit price of each test strip.
- c) If the bituminous mixture placed during a test strip is determined to be acceptable to remain in place by the Engineer and the Engineer deems a new start-up is required for any reason, the initial mixture and test strip will be paid for at the contract unit prices. The additional mixture will be paid for at the contract unit price and any additional test strips will be paid for at one half the contract unit price of each test strip.

#### SEGREGATION CONTROL OF BITUMINOUS CONCRETE (BDE)

Effective: July 15, 1997

<u>Description</u>. This work shall consist of the visual identification and corrective action of segregated bituminous concrete in conjunction with QC/QA of Bituminous Concrete Mixtures.

#### Definitions.

- (a) Segregation. Areas of non-uniform distribution of coarse and fine aggregate particles in a bituminous pavement.
- (b) End-of-Load Segregation. A systematic form of segregation typically identified by chevron-shaped segregated areas at either side of a lane corresponding with the beginning and end of truck loads.

- (c) Longitudinal Segregation. A linear pattern of segregation that usually corresponds to a specific area of the paver.
- (d) Severity of Segregation.
  - 1. Low. A pattern of segregation where the mastic is in place between the aggregate particles; however, there is slightly more coarse aggregate in comparison with the surrounding acceptable mat.
  - Medium. A pattern of segregation that has significantly more coarse aggregate in comparison with the surrounding acceptable mat and which exhibits some lack of mastic.
  - 3. High. A pattern of segregation that has significantly more coarse aggregate in comparison with the surrounding acceptable mat and which contains little mastic.

Quality Control by the Contractor. The Contractor and the Engineer will evaluate the in place mat daily for segregation. In the Annual Quality Control Plan or Addendum, the Contractor shall identify the individual(s) responsible for implementing this Special Provision and documenting the daily evaluations and conclusions.

The Contractor shall conduct the paving operation in a manner to prevent medium or high segregation.

The Contractor shall continually monitor the plant operations, hauling or the mix, paver operations, and the compacted mat for segregation.

If medium or high segregation has been previously identified on projects with similar paving operations and mix designs, the Contractor shall include the corrective actions specified below in the Quality Control Plans or the Quality Control Addendum.

<u>Corrective Action by the Contractor</u>. When medium or high segregation of the mixture is identified by the Contractor, the Engineer, or the daily evaluation, the following specific actions shall be taken:

- (a) End of Load Segregation. If medium or high end-of-load segregation is identified, the following actions, as a minimum, shall be taken:
  - 1. Trucks transporting the mixture shall be loaded in multiple dumps: The first against the front wall of the truck bed and then one against the tailgate in a manner which prevents the coarse aggregate from migrating to those locations.
  - 2. The paver shall be operated so the hopper is never below 30 percent capacity between truck exchanges.
  - 3. The "Head of Material" in the auger area shall be controlled to keep a constant level, + 25 mm (1 inch) tolerance.
- (b) Longitudinal Segregation. If medium or high longitudinal segregation is identified, the Contractor shall make the necessary adjustment to the slats, augers, or screeds to eliminate the segregation.

The Contractor shall implement the corrective actions as soon as possible and report them to the Engineer before the next day's paving proceeds.

Quality Control Plans and addendums for subsequent projects shall reflect the corrective actions taken under the Contract, whether the corrective action was initiated by the Contractor or the Engineer.

<u>Investigations</u>. If the corrective actions initiated by the Contractor are insufficient in controlling medium or high segregation, the Contractor and Engineer will investigate to determine the cause of segregation.

When an investigation indicates additional corrective action is warranted, the Contractor shall implement operational changes necessary to correct the segregation problems.

Any verification testing necessary for the investigation will be performed by the Department according to the applicable project test procedures and specification limits.

<u>Dispute Resolution</u>. The Engineer will represent the Department in the administration of this special provision.

In cases of disputes, the District Construction Engineer will represent the Department in any disagreement regarding the application of this specification on any Contract.

<u>Basis of Payment</u>. This work will not be paid for separately but will be considered as included in the cost of the various items of bituminous concrete, and no additional compensation will be allowed.

42795

#### TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)

Effective April 1, 1992

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the Engineer is notified or determines a deficiency exists, (s)he shall be the sole judges to whether the deficiency is an immediate safety hazard. The Contractor shall dispatch sufficient resources within 2 hours of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within 12 hours. If the Contractor fails to restore the required traffic control and protection within the time limits specified above, the Engineer will impose a daily monetary deduction for each 24-hour period (or portion thereof) the deficiency exists. This time period will begin with the time of notification to the Contractor and end with the Resident Engineer's acceptance of the corrections. For this project, the daily deduction will be \_\_\*\_ per day. In addition, if the Contractor fails to respond, the Engineer may correct the deficiencies and the cost thereof will be deducted from monies due or which may become due the Contractor. This corrective action will in no way relieve the Contractor of his/her contractual requirements or responsibilities.

\*The cost of the daily deduction will be calculated by dividing three percent of the awarded contract price by the number of <u>calendar</u> days anticipated for this project. The number of days anticipated for this project is <u>55</u>. This procedure is to be followed regardless of whether the contract is based upon working days, contains a completion date, or has an incentive/disincentive clause.

5729I

#### WEIGHT CONTROL DEFICIENCY DEDUCTION (BDE)

Effective: April 1, 2001 Revised: April 10, 2001

The Contractor shall provide accurate weights of materials delivered to the contract for incorporation into the work (whether temporary or permanent) and for which the basis of payment is by weight. These weights shall be documented on delivery tickets which shall identify the source of the material, type of material, the date and time the material was loaded, the contract number, the net weight, the tare weight when applicable and the identification of the transporting vehicle. For aggregates, the Contractor shall have the driver of the vehicle furnish or establish an acceptable alternative to provide the contract number and a copy of the material order to the source for each load. The source is defined as that facility that produces the final material product that is to be incorporated into the contract pay items.

The Department will conduct random, independent vehicle weight checks for material sources according to the procedures outlined in the Documentation Section Policy Statement of the Department's Construction Manual and hereby incorporated by reference. The results of the independent weight checks shall be applicable to all contracts containing this Special Provision. Should the vehicle weight check for a source result in the net weight of material on the vehicle exceeding the net weight of material shown on the delivery ticket by 0.5% (0.7% for aggregates) or more, the Engineer will document the independent vehicle weight check and immediately furnish a copy of the results to the Contractor. No adjustment in pay quantity will be made. Should the vehicle weight check for a source result in the net weight of material shown on the delivery ticket exceeding the net weight of material on the vehicle by 0.5% (0.7% for aggregates) or more, the Engineer will document the independent vehicle weight check and immediately furnish a copy of the results to the Contractor. The Engineer will adjust the net weight shown on the delivery ticket to the checked delivered net weight as determined by the independent vehicle weight check.

The Engineer will also adjust the method of measurement for all contracts for subsequent deliveries of all materials from the source based on the independent weight check. The net weight of all materials delivered to all contracts containing this Special Provision from this source, for which the basis of payment is by weight, will be adjusted by applying a correction factor "A" as determined by the following formula:

$$A = 1.0 - \left(\frac{B-C}{B}\right)$$
; Where  $A \le 1.0$ ;  $\left(\frac{B-C}{B}\right) > 0.5\%$  (0.7% for aggregates)

Where A = Adjustment factor

B = Net weight shown on delivery ticket

C = Net weight determined from independent weight check

The adjustment factor will be applied as follows:

Adjusted Net Weight  $= A \times Delivery Ticket Net Weight$ 

The adjustment factor will be imposed until the cause of the deficient weight is identified and corrected by the Contractor to the satisfaction of the Engineer. If the cause of the deficient weight is not identified and corrected within seven (7) calendar days, the source shall cease delivery of all materials to all contracts containing this Special Provision for which the basis of payment is by weight.

Should the Contractor elect to challenge the results of the independent weight check, the Engineer will continue to document the weight of material for which the adjustment factor would be applied. However, provided the Contractor furnishes the Engineer with written documentation that the source scale has been calibrated within seven (7) calendar days after the date of the independent weight check, adjustments in the weight of material paid for will not be applied unless the scale calibration demonstrates that the source scale was not within the specified Department of Agriculture tolerance.

At the Contractor's option, the vehicle may be weighed on a second independent Department of Agriculture certified scale to verify the accuracy of the scale used for the independent weight check.

80048

#### **WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within 15 working days.

#### **DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION**

Effective: September 1, 2000

<u>FEDERAL OBLIGATION.</u> The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. This Special Provision will also be used by the Department to satisfy the requirements of the Business Enterprise for Minorities, Females, and Persons with Disabilities Act, 30 ILCS 575. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified by the Department in accordance with the requirements of 49 CFR part 26 and listed in the DBE Directory or most recent addendum.

<u>CONTRACTOR ASSURANCE:</u> The Contractor makes the following assurance and agrees to include the assurance in each subcontract that the Contractor signs with a subcontractor:

The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of federally-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

OVERALL GOAL SET FOR THE DEPARTMENT: As a requirement of compliance with 49 CFR part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal is 12.5% of all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve this goal. The dollar amount paid to all approved DBE firms performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR: This contract includes a specific DBE utilization goal established by the Department. The goal has been included because the Department has determined that the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies. This determination is based on an assessment of the type of work, the location of the work, and the availability of DBE companies to do a part of the work. The assessment indicates that, in the absence of unlawful discrimination, and in an arena of fair and open competition, DBE companies can be expected to perform 5.00% of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set forth in this Special Provision:

The bidder documents that firmly committed DBE participation has been obtained to meet the goal; or

The bidder documents that a good faith effort has been made to meet the goal, even though the effort did not succeed in obtaining enough DBE participation to meet the goal.

<u>DBE LOCATOR REFERENCES:</u> Bidders may consult the DBE Directory as a reference source for DBE companies certified by the Department. In addition, the Department maintains a letting and item specific DBE locator information system whereby DBE companies can register their interest in providing quotes on particular bid items advertised for letting. Information concerning DBE companies willing to quote work for particular contracts may be obtained by contacting the Department's Bureau of Small Business Enterprises at telephone number (217)785-4611, or by visiting the Department's web site at www.dot.state.il.us.

<u>BIDDING PROCEDURES:</u> Compliance with the bidding procedures of this Special Provision is required prior to the award of the contract and the failure of the as-read low bidder to comply will render the bid nonresponsive.

In order to assure the timely award of the contract, the as-read low bidder must submit a Disadvantaged Business Utilization Plan on Department form SBE 2026 within seven (7) working days after the date of letting. To meet the seven (7) day requirement, the bidder may send the Plan by certified mail or delivery service within the seven (7) working day period. If a question arises concerning the mailing date of a Plan, the mailing date will be established by the U.S. Postal Service postmark on the original certified mail receipt from the U.S. Postal Service or the receipt issued by a delivery service. It is the responsibility of the as-read low bidder to ensure that the postmark or receipt date is affixed within the seven (7) working days if the bidder intends to rely upon mailing or delivery to satisfy the submission day requirement. The Plan is to be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). It is the responsibility of the bidder to obtain confirmation of telefax delivery. The Department will not accept a Utilization Plan if it does not meet the seven (7) day submittal requirement, and the bid will be declared nonresponsive. In the event the bid is declared nonresponsive due to a failure to submit a Plan or failure to comply with the bidding procedures set forth herein, the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty, and may deny authorization to bid the project if re-advertised for bids. The Department reserves the right to invite any other bidder to submit a Utilization Plan at any time for award consideration or to extend the time for award.

The Utilization Plan shall indicate that the bidder either has obtained sufficient DBE participation commitments to meet the contract goal or has not obtained enough DBE participation commitments in spite of a good faith effort to meet the goal. The Utilization Plan shall further provide the name, telephone number and telefax number of a responsible official of the bidder designated for purposes of notification of plan approval or disapproval under the procedures of this Special Provision.

The Utilization Plan shall include a DBE Participation Commitment Statement, Department form SBE 2025, for each DBE proposed for the performance of work to achieve the contract goal. The signatures on these forms must be original signatures. All elements of information indicated on the said form shall be provided, including but not limited to the following:

The name and address of each DBE to be used;

A description, including pay item numbers, of the commercially useful work to be done by each DBE:

The price to be paid to each DBE for the identified work specifically stating the quantity, unit price and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, indicate the portion of each item, a unit price where appropriate and the subcontract price amount;

A commitment statement signed by the bidder and each DBE evidencing availability and intent to perform commercially useful work on the project; and

If the bidder is a joint venture comprised of DBE firms and non-DBE firms, the plan must also include a clear identification of the portion of the work to be performed by the DBE partner(s).

The contract will not be awarded until the Utilization Plan submitted by the bidder is approved. The Utilization Plan will be approved by the Department if the Plan commits sufficient commercially useful DBE work performance to meet the contract goal. The Utilization Plan will not be approved by the Department if the Plan does not commit sufficient DBE performance to meet the contract goal unless the bidder documents that it made a good faith effort to meet the goal. The good faith procedures of Section VIII of this special provision apply. If the Utilization Plan is not approved because it is deficient in a technical matter, unless waived by the Department, the bidder will be notified and will be allowed no less than a five (5) working day period in order to cure the deficiency.

CALCULATING DBE PARTICIPATION: The Utilization Plan values represent work anticipated to be performed and paid for upon satisfactory completion. The Department is only able to count toward the achievement of the overall goal and the contract goal the value of payments made for the work actually performed by DBE companies. In addition, a DBE must perform a commercially useful function on the contract to be counted. A commercially useful function is generally performed when the DBE is responsible for the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. The Department and Contractor are governed by the provisions of 49 CFR part 26.55(c) on questions of commercially useful functions as it affects the work. Specific counting guidelines are provided in 49 CFR part 26.55, the provisions of which govern over the summary contained herein.

DBE as the Contractor: 100% goal credit for that portion of the work performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontracts to a non-DBE firm does not count toward the DBE goals.

DBE as a joint venture Contractor: 100% goal credit for that portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work performed by the DBE's own forces.

DBE as a subcontractor: 100% goal credit for the work of the subcontract performed by the DBE's own forces, including the cost of materials and supplies. Work that a DBE subcontractor in turn subcontracts to a non-DBE firm does not count toward the DBE goal.

DBE as a trucker: 100% goal credit for trucking participation provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed and insured by the DBE must be used on the contact. Credit will be given for the full value of all such DBE trucks operated using DBE employed drivers. Goal credit will be limited to the value of the reasonable fee or commission received by the DBE if trucks are leased from a non-DBE company.

DBE as a material supplier:

60% goal credit for the cost of the materials or supplies purchased from a DBE regular dealer.

100% goal credit for the cost of materials or supplies obtained from a DBE manufacturer.

100% credit for the value of reasonable fees and commissions for the procurement of materials and supplies if not a regular dealer or manufacturer.

GOOD FAITH EFFORT PROCEDURES: If the bidder cannot obtain sufficient DBE commitments to meet the contract goal, the bidder must document in the Utilization Plan the good faith efforts made in the attempt to meet the goal. This means that the bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those which could reasonably be expected to obtain sufficient DBE participation. The Department will consider the quality, quantity and intensity of the kinds of efforts that the bidder has made. Mere *pro forma* efforts are not good faith efforts; rather, the bidder is expected to have taken those efforts that would be reasonably expected of a bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

The following is a list of types of action that the Department will consider as part of the evaluation of the bidder's good faith efforts to obtain participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of the Department may be relevant in appropriate cases, and will be considered by the Department.

Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBE companies that have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBE companies to respond to the solicitation. The bidder must determine with certainty if the DBE companies are interested by taking appropriate steps to follow up initial solicitations.

Selecting portions of the work to be performed by DBE companies in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.

Providing interested DBE companies with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

- a. Negotiating in good faith with interested DBE companies. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBE companies that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBE companies to perform the work.
- b. A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBE companies is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBE companies if the price difference is excessive or unreasonable.

Not rejecting DBE companies as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal.

Making efforts to assist interested DBE companies in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.

Making efforts to assist interested DBE companies in obtaining necessary equipment, supplies, materials, or related assistance or services.

Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBE companies.

If the Department determines that the Contractor has made a good faith effort to secure the work commitment of DBE companies to meet the contract goal, the Department will award the contract provided that it is otherwise eligible for award. If the Department determines that a good faith effort has not been made, the Department will notify the bidder of that preliminary determination by contacting the responsible company official designated in the Utilization Plan. The preliminary determination shall include a statement of reasons why good faith efforts have not been found, and may include additional good faith efforts that the bidder could take. The notification will designate a five (5) working day period during which the bidder shall take additional efforts. The bidder is not limited by a statement of additional efforts, but may take other action beyond any stated additional efforts in order to obtain additional DBE commitments. The bidder shall submit an amended Utilization Plan if additional DBE commitments to meet the contract goal are secured. If additional DBE commitments sufficient to meet the contract goal are not secured, the bidder shall report the final good faith efforts made in the time allotted. All additional efforts taken by the bidder will be considered as part of the bidder's good faith efforts. If the bidder is not able to meet the goal after taking additional efforts, the Department will make a pre-final determination of the good faith efforts of the bidder and will notify the designated responsible company official of the reasons for an adverse determination.

The bidder may request administrative reconsideration of a pre-final determination adverse to the bidder within the five (5) working days after the notification date of the determination by delivering the request to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764 (Telefax: (217)785-1524). Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The pre-final determination shall become final if a request is not made and delivered. A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal. In addition, the request shall be considered a consent by the bidder to extend the time for award. The request will be forwarded to the Department's Reconsideration Officer. The Reconsideration Officer will extend an opportunity to the bidder to meet in person in order to consider all issues of whether the bidder made a good faith effort to meet the goal. After the review by the Reconsideration Officer, the bidder will be sent a written decision within ten (10) working days after receipt of the request for reconsideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Reconsideration Officer that a good faith effort was made shall approve the Utilization Plan submitted by the bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid nonresponsive.

CONTRACT COMPLIANCE: Compliance with this Special Provision is an essential part of the contract. The Department is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goals has been paid to the DBE. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan. After approval of the Plan and award of the contract, the Utilization Plan and individual DBE Participation Statements become part of the contract. If the contractor did not succeed in obtaining enough DBE participation to achieve the advertised contract goal, and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of DBE work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the amended contract goal.

No amendment to the Utilization Plan may be made without prior written approval from the Department's Bureau of Small Business Enterprises. All requests for amendment to the Utilization Plan shall be submitted to the Department of Transportation, Bureau of Small Business Enterprises, Contract Compliance Section, 2300 South Dirksen Parkway, Room 319, Springfield, Illinois 62764. Telephone number (217) 785-4611. Telefax number (217) 785-1524.

All work indicated for performance by an approved DBE shall be performed, managed and supervised by the DBE executing the Participation Statement. The Contractor shall not terminate for convenience a DBE listed in the Utilization Plan and then perform the work of the terminated DBE with its own forces, those of an affiliate or those of another subcontractor, whether DBE or not, without first obtaining the written consent of the Bureau of Small Business Enterprises to amend the Utilization Plan. If a DBE listed in the Utilization Plan is terminated for reasons other than convenience, or fails to complete its work on the contract for any reason, the Contractor shall make good faith efforts to find another DBE to substitute for the terminated DBE. The good faith efforts shall be directed at finding another DBE to perform at least the same amount of work under the contract as the DBE that was terminated, but only to the extent needed to meet the contract goal or the amended contract goal. The Contractor shall notify the Bureau of Small Business Enterprises of any termination for reasons other than convenience. and shall obtain approval for inclusion of the substitute DBE in the Utilization Plan. If good faith efforts following a termination of a DBE for cause are not successful, the Contractor shall contact the Bureau and provide a full accounting of the efforts undertaken to obtain substitute DBE participation. The Bureau will evaluate the good faith efforts in light of all circumstances surrounding the performance status of the contract, and determine whether the contract goal should be amended.

The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Department for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment therefor to the DBE by the Contractor, but not later than thirty (30) calendar days after payment has been made by the Department to the Contractor for such work or material without regard to any retainage withheld by the Department, the Contractor shall submit a DBE Payment Report on Department form SBE 2115 to the District Engineer. If full and final payment has not been made to the DBE, the Report shall indicate whether a disagreement as to the payment required exists between the Contractor and the DBE or if the Contractor believes that the work has not been satisfactorily completed. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the DBE companies indicated in the Plan, the Department will deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages.

The Department reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.

80029

# INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

#### Adopted January 1, 2002

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS and LOCAL AGENCY SPECIAL PROVISIONS.

#### SUPPLEMENTAL SPECIFICATIONS

Std. Spec. Sec. Page No.

#### No Supplemental Specifications this year. RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

CHEC	CK SH	HEET #	PAGE NO.
1		State Required Contract Provisions All Federal-aid Construction	
		Contracts (Eff. 2-1-69) (Rev. 10-1-83)	
2		Subletting of Contracts (Federal-aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93)	3
3	Χ	EEO (Eff. 7-21-78) (Rev. 11-18-80)	4
4	Χ	Specific Equal Employment Opportunity Responsibilities	
		NonFederal-aid Contracts (Eff. 3-20-69) (Rev. 1-1-94)	15
5	Χ	Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 4-1-93)	21
6		R.R. Protection Liability Form (Eff. 6-10-58) (Rev. 9-29-67)	26
7	Χ	Asphalt Quantities and Cost Reviews (Eff. 7-1-88)	42
8		National Pollutant Discharge Elimination System Permit (Eff. 7-1-94)	43
9		Haul Road Stream Crossings, Other Temporary Stream Crossings and	
		In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98)	44
10		Construction Layout Stakes Except for Bridges (Eff. 5-1-93) (Rev. 1-1-02)	
11		Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-02)	
12		Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-97)	51
13		Asphaltic Emulsion Slurry Seal and Fibrated Asphaltic	
		Emulsion Slurry Seal (Eff. 8-1-89) (Rev. 2-1-97)	53
14		Bituminous Surface Treatments Half-Smart (Eff. 7-1-93) (Rev. 1-1-97)	59
15		Quality Control/Quality Assurance of Bituminous Concrete Mixtures	
		(Eff. 1-1-99) (Rev. 1-1-02)	
16		Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 2-1-97)	
17		Bituminous Surface Removal (Coldmilling) (Eff. 11-1-87) (Rev. 10-15-97)	88
18		Resurfacing of Milled Surfaces (Eff. 10-1-95)	
19		PCC Partial Depth Bituminous Patching (Eff. 1-1-98)	
20		Patching with Bituminous Overlay Removal (Eff. 10-1-95) (Rev. 7-1-99)	
21		Epoxy Coating on Reinforcement (Eff. 4-1-97) (Rev. 7-15-97)	
22		Protective Shield System (Eff. 4-1-95) (Rev. 8-1-95)	
23		Polymer Concrete (Eff. 8-1-95) (Rev.11-1-99)	
24		Controlled Low-Strength Material (CLSM) (Eff. 1-1-90) (Rev. 1-1-99)	99
25		Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-98)	104
26		Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-97)	
27		Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-97)	
28	Χ	Give em a Brake Sign (Eff. 8-1-89) (Rev. 08-1-91)	
29		Portable Changeable Message Signs (Eff. 11-1-93) (Rev. 2-1-96)	
30		Direction Indicator Barricades (Eff. 7-1-99)	114
31		Night Time Inspection of Roadway Lighting (Eff. 5-1-96)	
32	Χ	Aggregate Gradation Control System (Eff. 7-1-95)	
33		English Substitution of Metric Bolts (Eff. 7-1-96)	
34		English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 7-15-97)	
35		Polymer Modified Emulsified Asphalt (Eff. 5-15-89)	
36		Corrosion Inhibitor (Eff. 3-1-90) (Rev. 7-1-99)	122

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

#### **TABLE OF CONTENTS**

DESCRIPTION OF WORK	1
TRAFFIC CONTROL PLAN	1
BITUMINOUS MIXTURE COMPLETE	2
INCIDENTAL BITUMINOUS SURFACING	2
STATUS OF UTILITIES TO BE ADJUSTED	2
ERRATA FOR THE 2002 STANDARD SPECIFICATIONS (BDE)	2
GRADATION FOR FINE AND COARSE AGGREGATES	6
ILLINOIS FIRST SIGNS	7
MATERIAL ALLOWANCES	7
MOBILIZATION (BDE)	8
PAYMENTS TO SUBCONTRACTORS (BDE)	9
QUALITY CONTROL/QUALITY ASSURANCE OF BITUMINOUS CONCRETE MIXTURES	10
SEGREGATION CONTROL OF BITUMINOUS CONCRETE (BDE)	25
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)	28
WEIGHT CONTROL DEFICIENCY DEDUCTION	29
WORKING DAYS	30
DISADVANTAGED BUSINESSD ENTERPRISE PARTICIPATION	31

### ILLINOIS DEPARTMENT OF LABOR PREVAILING WAGES FOR MACOUPIN COUNTY EFFECTIVE FEBRUARY 2002

These Prevailing rates of wages are included in this contract proposal which is subject to check Sheet #4 of the Supplemental Specifications and Recurring Special Provisions. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which the work is to be performed and for each craft or type of work or mechanic needed to execute the work of the contract. As required by the Prevailing Wage Act 820 (ILCS 130/0.01, et seq.) and Check Sheet #4 of this contract, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of the contract shall be paid to all laborers, workers and mechanics performing work under the contract. Post this scale of wages in a prominent and easily accessible place at the site of work.

If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in this specification of rates, the contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. The contractor shall notify each of its subcontractors of the revised rates of wages.

Wage rate information can be obtained by visiting the Illinois Department of Labor web site at <a href="http://www.state.il.us/agency/idol">http://www.state.il.us/agency/idol</a> or by calling (312) 793-2814.

### **Macoupin County Prevailing Wage for February 2002**

Trade Name Trng	RG	TYP	С	Base	FRMAN '	*M-F>8	OSA	OSH	H/W	Pensn	Vac
=======================================	==	===	=	=====	=====	=====	===	===	=====	=====	=====
ASBESTOS ABT-GEN		ALL		18.400	18.750	1.5	1.5	2.0	3.150	7.550	0.000
0.300 ASBESTOS ABT-MEC		BLD		24.010	25.010	1.5	1.5	2.0	2.920	4.320	0.000
0.000 BOILERMAKER		BLD		25.000	27.500	1.5	1.5	2.0	3.800	7.840	0.000
0.150	ът	DID		20 240	21 240	1 5	1 6	2 0	4 250	4 250	0 000
BRICK MASON 0.425	N	BLD			21.340					4.350	
BRICK MASON 0.375	S	BLD		22.470	23.470	1.5	1.5	2.0	3.400	5.600	2.000
CARPENTER 0.250	N	BLD		21.660	23.410	1.5	1.5	2.0	4.300	5.500	0.000
CARPENTER	N	HWY		21.750	23.500	1.5	1.5	2.0	4.300	5.500	0.000
0.250 CARPENTER	S	BLD		21.040	22.790	1.5	1.5	2.0	4.300	6.120	0.000
0.250 CARPENTER	S	HWY		21.130	22.880	1.5	1.5	2.0	4.300	6.120	0.000
0.250											
CEMENT MASON 0.100		ALL		23.600	24.100	1.5	1.5	2.0	4.450	5.750	0.000
ELECTRIC PWR EQMT OP 0.000	N	ALL		25.690	29.530	1.5	1.5	2.0	2.200	6.420	0.000
ELECTRIC PWR EQMT OP	S	ALL		25.570	32.380	1.5	2.0	2.0	4.110	6.390	0.000
0.000 ELECTRIC PWR GRNDMAN	N	ALL		17.250	29.530	1.5	1.5	2.0	2.200	4.320	0.000
0.000 ELECTRIC PWR GRNDMAN	S	ALL		19.090	32.380	1.5	2.0	2.0	3.070	4.770	0.000
0.000 ELECTRIC PWR LINEMAN	N	ALL		27 670	29.530	1 5	1 5	2 0	2 200	6.920	0 000
0.000											
ELECTRIC PWR LINEMAN 0.000	S	ALL		29.390	32.380	1.5	2.0	2.0	4.730	7.350	0.000
ELECTRIC PWR TRK DRV 0.000	N	ALL		18.160	29.530	1.5	1.5	2.0	2.200	4.540	0.000
ELECTRIC PWR TRK DRV 0.000	S	ALL		20.870	32.380	1.5	2.0	2.0	3.360	5.220	0.000
ELECTRICIAN	N	BLD		27.320	29.070	1.5	1.5	2.0	3.200	3.520	0.000
0.150 ELECTRICIAN	S	ALL		27.840	29.510	1.5	1.5	2.0	4.040	4.870	0.000
0.420 ELECTRONIC SYS TECH	N	BLD		25.470	27.000	1.5	1.5	2.0	7.640	0.760	0.000
0.000 ELECTRONIC SYS TECH	S	BLD		20 120	20.120	1 6	1 5	2 0	2 200	3.510	0 000
0.410	۵	ВПЛ									
ELEVATOR CONSTRUCTOR 0.000		BLD		28.655	32.235	2.0	2.0	2.0	4.425	2.610	1.720
GLAZIER 0.000	N	BLD		25.430	0.000	1.5	2.0	2.0	0.000	2.750	0.000
GLAZIER	S	BLD		26.160	0.000	2.0	2.0	2.0	4.020	7.450	2.090
0.340 HT/FROST INSULATOR		BLD		27.910	28.910	1.5	1.5	2.0	3.000	6.240	0.000
0.000 IRON WORKER	N	BLD			23.330					7.350	
0.250	ΤΛ	טעט									
IRON WORKER 0.250	N	HWY		21.830	23.080	1.5	1.5	2.0	2.920	7.350	0.000

IRON WORKER	S	ALL	22 770	24.270	1 5	1 5	2 0	3 480	7.800	0 000
0.380	٥	1122	22.770	21.270	1.5	1.5	2.0	3.100	,.000	0.000
LABORER		ALL	18.400	18.750	1.5	1.5	2.0	3.150	7.550	0.000
0.300			01 000	00 000	1 -	1 -	0 0	2 252	F 000	0 000
LATHER 0.250		BLD	21.080	22.830	1.5	1.5	2.0	3.950	5.280	0.000
MACHINIST		BLD	30 610	32.360	2 0	2 0	2 0	3 200	2.600	2 110
0.000			30.010	32.300	2.0	2.0	2.0	3.200	2.000	2.110
MARBLE MASON		BLD	20.440	21.190	1.5	1.5	2.0	4.250	4.350	0.000
0.325										
MILLWRIGHT		BLD	23.450	25.200	1.5	1.5	2.0	3.000	5.470	0.000
0.250		1114137	10 270	20.520	1 6	1 6	2 0	2 000	3.000	0 000
MILLWRIGHT 0.000		HWY	19.270	20.520	1.5	1.5	2.0	2.000	3.000	0.000
OPERATING ENGINEER		ALL 1	23.900	25.030	1.5	1.5	2.0	4.200	7.750	0.000
1.000										
OPERATING ENGINEER		ALL 2	22.770	25.030	1.5	1.5	2.0	4.200	7.750	0.000
1.000		0	10 400	05 000	1 -	1 -	0 0	4 000		0 000
OPERATING ENGINEER 1.000		ALL 3	18.490	25.030	1.5	1.5	2.0	4.200	7.750	0.000
OPERATING ENGINEER		ΔТ.Τ. 4	18.350	25 030	1 5	1 5	2 0	4 200	7.750	0 000
1.000		1122 1	10.550	23.030	1.5	1.5	2.0	1.200	,,,50	0.000
OPERATING ENGINEER		ALL 5	18.020	25.030	1.5	1.5	2.0	4.200	7.750	0.000
1.000										
OPERATING ENGINEER		ALL 6	24.450	25.030	1.5	1.5	2.0	4.200	7.750	0.000
1.000 OPERATING ENGINEER		λτ.τ. 7	24.750	25 030	1 5	1 5	2 0	4 200	7.750	0 000
1.000		ALL /	24.750	23.030	1.5	1.5	2.0	4.200	7.750	0.000
OPERATING ENGINEER		ALL 8	25.030	25.030	1.5	1.5	2.0	4.200	7.750	0.000
1.000										
PAINTER		BLD	22.250	22.750	1.5	1.5	2.0	2.700	4.300	0.000
0.350 PAINTER		1114137	22 450	23.950	1 6	1 6	2 0	2 700	4.300	0 000
0.350		HWY	23.450	23.950	1.5	1.5	2.0	2.700	4.300	0.000
PAINTER OVER 30FT		BLD	24.250	24.750	1.5	1.5	2.0	2.700	4.300	0.000
0.350										
PAINTER PWR EQMT		BLD	24.250	24.750	1.5	1.5	2.0	2.700	4.300	0.000
0.350		7 77 77 7	05 450	25 252	1 -	1 -	2 0	0 700	4 200	0 000
PAINTER PWR EQMT 0.350		HWY	25.450	25.950	1.5	1.5	∠.0	2.700	4.300	0.000
PILEDRIVER	N	BLD	22.160	23.910	1.5	1.5	2.0	4.300	5.500	0.000
0.250										
PILEDRIVER	N	HWY	22.250	24.000	1.5	1.5	2.0	4.300	5.500	0.000
0.250	~	D. D.	01 540	02 000	1 -	1 -	0 0	4 200	c 100	0 000
PILEDRIVER 0.250	S	BLD	21.540	23.290	1.5	1.5	2.0	4.300	6.120	0.000
PILEDRIVER	S	HWY	21.630	23.380	1.5	1.5	2.0	4.300	6.120	0.000
0.250										
PIPEFITTER	N	BLD	27.800	29.300	1.5	1.5	2.0	3.550	3.150	0.000
0.350	~		05 450	00 500	1 -	1 -	0 0	0 050	2 (50	0 000
PIPEFITTER 0.000	S	BLD	27.450	28.700	1.5	1.5	2.0	2.050	3.650	0.000
PLASTERER		BLD	23 050	24.050	1 5	1 5	2 0	4 450	5.750	0 000
0.200			23.030	21.030	1.5	1.5	2.0	1.150	3.750	0.000
PLUMBER	N	BLD	27.800	29.300	1.5	1.5	2.0	3.550	3.150	0.000
0.350										
PLUMBER	S	BLD	28.500	29.750	2.0	2.0	2.0	3.000	3.650	0.000
0.000 ROOFER		BLD	21 950	23.700	1 5	1 5	2 0	2 700	5.000	0 000
0.100			21.750	23.700		1.5	2.0	2.,00	2.000	3.000
SHEETMETAL WORKER		ALL	25.200	26.200	1.5	1.5	2.0	3.550	3.270	1.510
0.040										
SPRINKLER FITTER		BLD	28.780	30.530	2.0	2.0	2.0	3.400	5.650	0.000

0.000											
STONE MASON		BLD		20.340	21.340	1.5	1.5	2.0	4.250	4.350	0.000
0.425											
TELECOM WORKER		ALL		21.900	23.400	1.5	1.5	2.0	3.000	2.650	1.430
0.000											
TERRAZZO MASON		BLD		20.440	21.190	1.5	1.5	2.0	4.250	4.350	0.000
0.325											
TILE MASON		BLD		20.440	21.190	1.5	1.5	2.0	4.250	4.350	0.000
0.325											
TRUCK DRIVER		ALL	1	23.340	0.000	1.5	1.5	2.0	4.360	2.225	0.000
0.000											
TRUCK DRIVER		ALL	2	23.740	0.000	1.5	1.5	2.0	4.360	2.225	0.000
0.000											
TRUCK DRIVER		ALL	3	23.940	0.000	1.5	1.5	2.0	4.360	2.225	0.000
0.000											
TRUCK DRIVER		ALL	4	24.190	0.000	1.5	1.5	2.0	4.360	2.225	0.000
0.000											
TRUCK DRIVER		ALL	5	24.940	0.000	1.5	1.5	2.0	4.360	2.225	0.000
0.000											
TUCKPOINTER	N	BLD		20.340	21.340	1.5	1.5	2.0	4.250	4.350	0.000
0.425											

#### Legend:

M-F>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday.

OSA (Overtime is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

### **Explanations**

MACOUPIN COUNTY

Trng (Training)

BRICKLAYERS (SOUTH) - Approximately the Southern 1/3 of the county including Hornsby (approx.).

CARPENTERS & PILEDRIVERS (NORTH) - North of Route 108.

ELECTRICIAN (NORTH) - Townships of Scottsville, North Palmyra, North Otter, Virden, Girard, Barr, South Palmyra, South Otter and Nilwood.

ELECTRICIAN (SOUTH) - Townships of Western Mound, Bird, Carlinville, Shaws Point, Chesterfield, Polk, Brushy Mound, Honey Point, Shipman, Hillyard, Gillespie, Cahokia, Bunker Hill, Dorchester, Mount Olive and Staunton.

GLAZIER (SOUTH) - South of Highway 108.

IRONWORKERS (SOUTH) - That part of the county South of a diagonal line between Rockbridge (Greene County) and Litchfield (Montgomery County).

PLUMBERS AND PIPEFITTERS (NORTH) - That part of the county North of Route 108.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial/Decoration Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work

performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration such as the day after Thanksgiving for Veterans Day. If in doubt, please check with IDOL.

#### EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

#### ELECTRONIC SYSTEMS TECHNICIAN

Installing, assembling and maintaining sound and intercom, protection alarm (security), master antenna television, closed circuit television, computer hardware and software programming and installation to the network's outlet and input (EXCLUDING all cabling, power and cable termination work historically performed by wiremen), door monitoring and control, nurse and emergency call programming and installation to the system's outlet and input (EXCLUDING all cabling, power and cable termination work historically performed by wiremen), clock and timing; and the installation and maintenance of transmit and receive antennas, transmitters, receivers, and associated apparatus which operates in conjunction with the above systems. All work associated with these system installations will be included EXCEPT (1) installation of protective metallic conduit, excluding less than ten-foot runs strictly for protection of cable, and (2) 120 volt AC (or higher) power wiring and associated hardware.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

- Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.
- Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.
- Class 4. Low Boy and Oil Distributors.
- Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

  OPERATING ENGINEERS
- GROUP I. Cranes, Dragline, Shovels, Skimmer Scoops, Clamshells or Derrick Boats, Pile Drivers, Crane-Type Backhoes, Asphalt Plant Operators, Concrete Plant Operators, Dredges, Asphalt Spreading

Machines, All Locomotives, Cable Ways, or Tower Machines, Hoists, Hydraulic Backhoes, Ditching Machines or Backfiller, Cherrypickers, Overhead Cranes, Roller, Steam or Gas, Concrete Pavers, Excavators, Concrete Breakers, Concrete Pumps, Bulk Cement Plants, Cement Pumps, Derrick-Type Drills, Boat Operators, Motor Graders or Pushcats, Scoops or Tournapulls, Bulldozers, Endloaders or Fork Lifts, Power Blade or Elevating Graders, Winch Cats, Boom or Winch Trucks or Boom Tractors, Pipe Wrapping or Painting Machines, Asphalt Plant Engineer, Journeyman Lubricating Engineer, Drills (other than Derrick Type), Mud Jacks, or Well Drilling Machines, Boring Machines or Track Jacks, Mixers, Conveyors (Two), Air Compressors (Two), Water Pumps regardless of size (Two), Welding Machines (Two), Siphons or Jets (Two), Winch Heads or Apparatuses (Two), Light Plants (Two), Waterblasters (two), All Tractors regardless of size (straight tractor only), Fireman on Stationary Boilers, Automatic Elevators, Form Grading Machines, Finishing Machines, Power Sub-Grader or Ribbon Machines, Longitudinal Floats, Distributor Operators on Trucks, Winch Heads or Apparatuses (One), Mobil Track air and heaters (two to five), Heavy Equipment Greaser, Relief Operator, Assistant Master Mechanic and Heavy Duty Mechanic, all Operators (except those listed below).

GROUP II. Assistant Operators.

GROUP III. Air Compressors (One), Water Pumps, regardless of Size (One), Waterblasters (one), Welding Machine (One), Mixers (One Bag), Conveyor (One), Siphon or Jet (One), Light Plant (One), Heater (One), Immobile Track Air (One), and Self Propelled Walk-Behind Rollers.

GROUP IV. Asphalt Spreader Oilers, Fireman on Whirlies and Heavy Equipment Oilers, Truck Cranes, Dredges, Monigans, Large Cranes - (Over 65-ton rated capacity) Concrete Plant Oiler, Blacktop Plant Oiler, and Creter Crane Oiler (when required).

GROUP V. Oiler.

GROUP VI. Master Mechanics, Operators on equipment with Booms, including jibs, 100 feet and over, and less than 150 feet long.

GROUP VII. Operators on equipment with Booms, including jibs, 150 feet and over, and less than 200 feet long.

GROUP VIII. Operators on Equipment with Booms, including jibs, 200 feet and over; Tower Cranes; Whirlie Cranes; and Operator Foreman.

#### MACOUPIN COUNTY

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If there is no such definition on file, the Bureau of Labor Statistics SIC list will be used. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. Further, if no such neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 618/993-7271 for wage rates or clarifications.

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.